Radio Dealers Wholesale
AFTER INVENTORY SMASHING REDUCTIONS

HAMILTON CARR CORPORATION

711 W. LAKE ST. CHICAGO, ILL.

SEVEN TUBE SINGLE SENIOR ILLUMINATED DRUM CONTROL

With Illuminated numbered and logging drum

Genuine **BURL WALNUT**

Set Description

ALTHOUGH this single dial control receiver has been described in detail on other pages and its beauty has been described elsewhere, it is almost impossible for us to describe to you its appearance. We ask you to buy one and sell from sample. We ask you to stock this licensed set! We ask you to buy one and if you are not satisfied that you are in position to sell many, send it back immediately!

This is a large 17 in. deep beautiful burl walnut cabinet—wonderfully matched woods with a solid walnut panel front. Heavy construction. In the well designed opening there is a green-black soft finish panel on which rests the beautiful shaded bronze plates opening on the single illuminated drum on the left side of which is numerical spacing and on the right an erasable space for logging. A center knob on the Gothic escutcheon plate tunes the entire receiver with hair-line selectivity. This is the best thing there is to be offered you in a radio set.

Licensed Under Patents of *Radio Corporation of America* *General Electric Co. and Associates*

SHIELDED CONSTRUCTION

The chassis is of solid brass, beautiful in appearance, encasing the radio frequency end of the receiver under which is spaced at the proper engineering distances space-wound coils with the simplest of wiring. In a separate unit is the audio frequency end using two stages of resistance coupled amplification and one stage of power transformer rendering the most tremendous volume and a fine, silky, full, well-rounded tone.

There are also three stages of radio frequency, and a detector. Only a volume and clarity control on the face of the panel for your convenience. No howling, no whistling, no superoscillation and still retaining the proper balance.

COMPARE THIS WITH THE ORDINARY 6-TUBE SET

No. B9005. The Senior Single Drum Illuminated Control 7-Tube Receiver in this beautiful walnut cabinet as pictured and described. A real big value which will sell like wildfire. Retail list price, $75.00. YOUR SPECIAL WHOLESALE PRICE.... **$34.75**

For Battery Operation

No. B9006. The Famous Senior 7 Receiver with 6201A tubes, 1 112 power tube, 1 6-v. 100 A. H. storage "A" battery, 3 45-v. "B" batteries, 1 7½-v. "C" battery, 1 aerial kit, and instructions, ready to sell your customer for immediate operation, nothing else to buy except a loud speaker. **$59.50**

For Electric Socket Power Operation

No. B9018. The Senior 7 including 1 Super Power combination "A" and "B" eliminator (Raytheon type) for 105-120 v. A.C., 50-60 cycle, 6 201A tubes, 1 112 power tube, 1 7½-v. "C" battery, 1 aerial kit—ready to plug in the light socket. **$78.75**

All-Electric Using R. C. A. or Cunningham 226 or 227 A. C. Tubes

No. B9018A. The Senior A.C. Seven Electric Set, including aerial kit, 4 R. C. A. UX226 A.C. Tubes, 1 R. C. A. UX227 Detector Tube, 2 112 Power Tubes, including A.C. Power Pack with plug, ready to plug in and tune in. No connections of any kind, requiring only a loud speaker. List Price $175.00. YOUR PRICE, COMPLETE..... **$78.75**

AC All Electric Grand

Electric Battery Operation

THIS set can be supplied for operation without eliminators, for operation with latest Genuine R.C.A. Tubes, for battery operation and for operation with "A" and "B" eliminators.

Illuminated Drum Single Control

The manufacturer has disregarded cost of manufacture and turned out **the finest radio set obtainable for three times the money.** One small knob on the face of the panel controls one single illuminated drum with numerical divisions and space for logging.

Completely Shielded

A complete brass shield separates the radio frequency end with three space-wound solenoid coils and the audio-frequency end with three stages of amplification, one with **power transformer for power tubes.**

Above the chassis are the condensers **matched in capacity** and rotating freely **without backlash,** giving hairline selectivity with ease of tuning.

Licensed Under Patents of Radio Corporation General Electric and Associates

VOLUME—TONE QUALITY

Tremendous volume. No distortion, no vibration and "snap-in" oscillation, no squeals, no howls, but full, clear, fully rounded tones.

The speaker grill in front is lined with gold and black in a fancy design behind which is a power speaker capable of handling extraordinary volume, reproducing the low and high notes with equal clarity and quality.

The Console Beautiful with Built-In Cone Speaker

The console is genuine walnut, 41 inches high, 28 inches wide and 14 inches deep. Beautifully designed in shaded tones with an exquisite pattern. Around the green olive panel is the shaded walnut wood oval. **This cabinet would ordinarily sell for $40.00 without set.**

$42.65

No. 9007. The Grand Six as pictured and described. List Price, $110.00.....

For Battery Operation

No. 9008. The Grand Six, with built-in speaker complete with 5 201A tubes, 1 112 power tube, storage "A" battery, 3 45-volt "B" batteries, "C" battery, aerial kit, ready for your customer to operate. YOUR NET WH'L'S'LE PR.. **$65.85**

A. C. All Electric Eliminator Power

No. 9009. The Grand Six, with 1 Super-Power "A" and "B" eliminator (Raytheon type), for 105-120-volt A.C., 50-60 cycle, aerial kit, 5 201A tubes, 1 112 power tube, "C" battery, nothing else to buy. The biggest value on market today. YOUR NET WHOLESALE PRICE **$85.75**

All Electric Operation with Latest A. C. Tubes

No. 9009-A. The Grand 6-Tube, latest A.C. set requiring no eliminators and operating direct from light socket source of 90 to 120 volts, 50-60 cycle A.C. current including **4—UX226 and 1—UY227 Genuine R.C.A. Tubes** and 1—UX112 power tube complete with A.C. power pack and aerial kit—ready to plug in and tune in—**no eliminators—no chargers—no batteries.**

YOUR SPECIAL PRICE..... **$85.75**

Guarantee
EVERY item in this catalog is faithfully described. Our customers may have full confidence in our treating them fairly and squarely. We are pioneers in lower prices for better merchandise and have been established for years. Any defective merchandise will be replaced and is covered by our guarantee as well as the manufacturers' guarantee.
Do not hesitate to ask us to replace any and all merchandise which is imperfect. (Protect us by refusing to take back any USED merchandise from your customers.)

NATIONALLY ADVERTISED QUALITY MERCHANDISE

Quality Merchandise

It is our policy to give you the very best merchandise at the lowest possible prices you can obtain. Volume purchases and in some instances purchases of **entire factory outputs** permits us to offer you these savings.

24-Hour Service

It is our aim to ship every order within 24 hours and we are usually able to do so from our large stocks.

Cash Discount

The prices shown as **your price**, or shown with our stock numbers, have already had cash discount deducted, and our prices are therefore net cash, allowing **no additional discount. Compare our net price with anyone else's and note that our net prices generally are lower.**

We Help You Sell

Such dealers who make a real effort to get behind our low-priced line of quality receivers and push them will receive full-hearted co-operation. We will supply free of charge newspaper mats of all models of our receivers.

While it is impossible to fully protect you from other dealers on the standard parts or kits we offer you, we are in position to do so on the sets.

How to Order

Those who have not purchased from us have never experienced the pleasure of quick shipments and service which we usually give.

Write your name and address plainly and clearly. Write the article numbers or stock numbers, their names and the quantity you want and the price. Send post-office or express money-order, check or bank draft for the full amount. Be sure to write your name and address in full.

In making remittance, be certain to allow sufficient Parcel Post charges.

Where items are to be shipped by express, do not include transportation charges as they will be shipped collect. Should you fail to include parcel-post charges, it makes it necessary for us to ship you C.O.D. for the amount of postage and adds unnecessary expense. **Should you send any excess amount, it will be immediately refunded.**

Inventory Reductions!

AFTER taking inventory, we have decided to reduce our stocks of standard nationally advertised merchandise, slash our prices on the finest radio sets, radio kits and accessories on the market. Take advantage of our startling post-inventory reductions. Shipped either C. O. D. or cash with order.

Send No Money

We pay freight on orders of $50.00 or over

in all states except a few distant ones listed below:—New Mexico, Colorado, Wyoming, Montana, Arizona, Utah, Idaho, Oregon, California, Florida, Washington, Maryland, and New England States. If your shipment is ordered by freight, send us your paid freight bill with the order number you will find on the label on the outside of your shipment and we will allow it.

Express and Parcel Post Shipments

We will allow you what ordinarily would be the freight rate on all orders of $50.00 or more which are shipped by express or parcel-post.

Make up an order of $50.00, get it in one shipment and save the amount of the freight charges.

Exceptions to This Offer

This offer does not include orders of "A" batteries, "B" batteries, insulators, cabinets or console cabinets only or radio furniture when ordered by itself, but does include all radio sets of any kind.

Our Terms

Shipments are made C.O.D. to any of our old customers. Orders from new customers, to be shipped C.O.D., should be accompanied by remittance as part payment.

Pay For Merchandise When Delivered If You Please

Either send post-office money-order or express money-order. Personal checks accepted. However, if it is a large order, we will ship C.O.D. We want you to have faith and confidence in us and we want to establish relations properly with new customers as well as our old customers.

Freight shipments must be paid in full. Our prices are all f.o.b. Chicago or factory and transportation charges must be paid by you.

HAMILTON-CARR CORP.

711 W. Lake St.- Chicago, Illinois

HAMILTON
Junior Six Single Control

RETAIL PRICE $70.00

Your Net Wholesale Price **$28.75**

No. B9019. The Hamilton Junior Six single control receiver, without accessories, complete with cabinet as pictured. List Price, $70.00

SENSATIONAL OFFER!

NEVER before has there been a single control illuminated drum quality receiver offered at anywhere near this discount. Never before have you seen such beauty, such distinguished appearance, nor such a wonderful value in a radio set.

The cabinet is of walnut, finely finished with thick solid walnut panel with beautiful green black soft finish metal panel behind it. There is a bronze finish escutcheon plate with two openings—countersunk up to ONE SINGLE ILLUMINATED DRUM one side with numerical divisions and the other side for logging stations. Only a volume and clarity adjustment so that the tone quality may be to your taste. NO GEARS, NO BACKLASH, NEW CABLE METHOD OF VERNIER ADJUSTMENT.

Shielded Construction

The entire base is completely shielded. The coils are solenoid space-wound of the latest design and engineered properly. NO INTERSTAGE COUPLING. The audio unit is also entirely separate. The tuning condensers are MOUNTED ON ONE SHAFT AS PICTURED elsewhere in this catalog and controlled by one single knob on the face of the panel. BATTERY CABLE—no binding posts for battery connection. The size of the cabinet is 11 inches high, 15 inches deep and 21 inches wide.

Compare Our Prices

Compare the values. Single control, illuminated drum, not a flat dial, beautiful green black sloping panel with thick walnut around it, fully shielded, space-wound coils, midline condensers, a selective distance-getter, complete with battery cable.

With Accessories

No. B9020. THE JUNIOR SIX, complete with 5 201A, 1 112 power tubes, 3 45-v. "B" batteries, storage "A" battery, "C" battery and aerial kit, nothing but loud speaker to buy. SPECIALLY PRICED TO OUR DEALERS **$53.75**

A. C.—All Electric Operation

No. B9021. JUNIOR SIX, including 1 Abox "A" Eliminator, Super "B" Eliminator (Raytheon type) for 105 to 120 volts A. C. current, 50-60 cycle, 5 201A tubes, 1 112 power tube, "C" battery, aerial kit—complete, except for loud speaker **$72.50**

ALL ELECTRIC SET WITH A. C. TUBES

No. B9021A. Hamilton A. C. Junior Electric with 4 R.C.A. UX226, 1—UX227, and 1 112 Power Tube with A. C. Power Pack plug, aerial kit—nothing else to buy except a speaker. SPECIALLY PRICED TO YOU **$72.50**

LICENSED *under patents of* Radio Corporation, General Electric *and other patents*

All Electric GLADIATOR

The Seven Tube Electric

Just Plug Into Electric Light Socket

THE Gladiator All-Electric Set operates from 90 to 120 volts A.C., 50-60 cycle. **It requires no batteries, no chargers.** It comes equipped with a power pack with plug ready to plug in and tune in.

It is one of the new type receivers using R.C.A. or Cunningham 226 or 227 A.C. tubes with 2—112 power amplifier tubes.

Set Description

A fully brass shielded set, shielding the audio from the radio frequency unit. The class of shield which appears to be one of the best according to the Bureau of Standards.

The audio frequency end uses power transformer amplification delivering tremendous volume with fine tone quality.

Genuine Walnut Console Deluxe

Made of genuine walnut, full size, 40 in. high, 24 in. wide and 16 in. deep. Real dark with light shaded tones around speaker opening and around oval panel. Genuine walnut. An exquisite design.

The beautiful verdi-green panel is set behind the rich walnut oval opening. Beautiful embossed bronzed Gothic escutcheon plate countersunk to the illuminated single drum with space for logging and numerical divisions.

Manufactured Under Patents of R. C. A. and Associate Companies

The chassis in this set is manufactured under Radio Corp. of America patents and has the patent features with the latest model and designs.

The Power Speaker

A genuine Amplion power speaker is built in. Either the Amplion speaker or a long throat speaker of the orthophonic type is included. Normal value of speaker only—$35.00. Either delivers beautiful tones regardless of whether low or high pitched music.

The A. C. Electric Seven Tube Gladiator Receiver Complete

No. B9016-E—The A.C. electric Gladiator 7-tube A.C. set is sold complete as pictured and described with power speaker, seven tubes consisting of 4—type 226 and 1—type 227 detector tube and 2—112 power tubes. All Cunningham or R.C.A. tubes. Includes a power unit equipped with plug requiring no eliminators, chargers, batteries of any kind. Absolutely nothing else to buy, ready to plug in and tune in. Also includes aerial kit.

No. B9016-E

List Price $250.00

YOUR PRICE—COMPLETE . . .

$98.75

New! All Electric Ampliphonic 7

Also For Battery Operation

THIS is the new Ampliphonic 7-tube Receiver deluxe, either for battery or as the All-Electric Set. For such who have no electric light supply, the set for battery operation is, of course, the biggest buy on the market. For such who have 90 to 120 volts A. C., 50-60 cycle current, the Ampliphonic Seven for electric operation using the latest R.C.A. A. C. tubes is the right set to buy.

Description of Set

Console is of beautiful walnut, 40 inches high, 24 inches wide and 16 inches deep. Beautiful green black soft finish metal panel mounted with bronze escutcheon plates. **Single control only.** One illuminated drum rotating toward you with numerals and logging space. Gold silk grill in front of Amplion wonderful power speaker. The newest method of control shown in console sets priced at $150.00 to $350.00 with the illuminated drum rotating toward you, numerals on the left and erasable logging on the right, you have one of the finest receivers on the market today.

Shielded Construction

Three tuning condensers all turning in synchrony. **Coils are space-wound. Everything fully brass shielded.** Uses power amplification with large transformers capable of handling tremendous volume and delivering the most wonderful tone quality.

Some of the features of the Ampliphonic Seven are as follows:

Single illuminated drum control.
Genuine walnut console.
Fully shielded. Power tube equipped.
Built-in power speaker.
Battery operation or all-electric set with latest A. C. tubes.

No. B9000. We offer the Ampliphonic 7-Tube Receiver as pictured and described, **our feature offer,** for operation with batteries, completely crated in ply-wood case, shipping weight approximately 85 to 90 pounds, shipped by express or freight.

Retail List Price $125.00
Your Net Wholesale Price
$49.50

Licensed Under R. C. A. and Other Patents

With Battery Equipment

No. B9001. The Ampliphonic 7 as described above, complete with 6 201A tubes, 1 112 power tube, 1 6-v 110 A. H. storage "A" battery, 3 45-v. "B" batteries, 1 7½-v. "C" battery, 1 aerial kit and instructions, **ready to operate, nothing else for your customer to buy**..... **$74.50**

For A. C. All Electric Operation

No. B9002. The Ampliphonic 7, including 1 Abox "A" Eliminator and 1 Super "B" Raytheon "B" Eliminator to operate on 105 to 120 volts A. C. current only, 50-60 cycle, 1 aerial kit, 6 201A tubes, 1 112 power tube, 1 7½-v. "C" battery, and instructions, **nothing else to buy, ready to plug in the socket.**

Your Special Price **$91.65**

No. B9002E. For all-electric operation with new R.C.A. 226 and 227 tubes. The Ampliphonic 7 All-Electric for operation on 50-60 cycle 90 to 120 volt A. C. current, including 4 UX226, 1 UX227 and 2 type 112 power tubes, power pack for A. C. supply, aerial kit and plug—nothing else to buy (all equipped with power speaker, built-in).

List Price, complete, $210.00.
YOUR PRICE **$91.65**

New MARQUIS 8 TUBE Shielded Single control for Battery or Socket Power Operation

Genuine Walnut Console

DARK, thick burl walnut with exquisite bird's-eye maple trimming. Amplion unit. Do not compare this with cheap consoles. This is the finest to be had, the finest to be seen. The top is 35 in. wide and 19 in. deep. Height of console set 46 in.

Licensed under patents of Radio Corporation of America General Electric Co. and Associates

Details of Construction

One single drum illuminated control with numerical spacing on one side and logging space on the other. Do not confuse this 8-tube receiver with those that squeal or howl. Consists of three stages of tuned radio frequency, a detector, two stages of resistance coupled amplification and two stages of push-pull full-wave power amplification completely shielded and separated.

The radio frequency end has four tuning condensers, four space-wound coils, all operating on one shaft. This is the last word in set construction.

Push Pull Amplification

Permits the most tremendous power without the tubes "spilling over." Will produce most faithfully the finest bass note to the highest. The audio amplification section alone costs more than the entire cost of many sets.

Amplion Unit Speaker

The unit speaker has a $17.50 value alone. Is medium pitched and its impedance will match the power tubes.

No. B9043. If you want the finest of receivers, the finest of consoles, the finest of speakers, the simplest tuning, smooth vernier adjustment, selective sharp tuning, this is the set you should buy, and is absolutely guaranteed to be as we represent. Comes complete with coded cable.

Retail List Price, $200.00. YOUR NET WHOLESALE PRICE **$87.50**

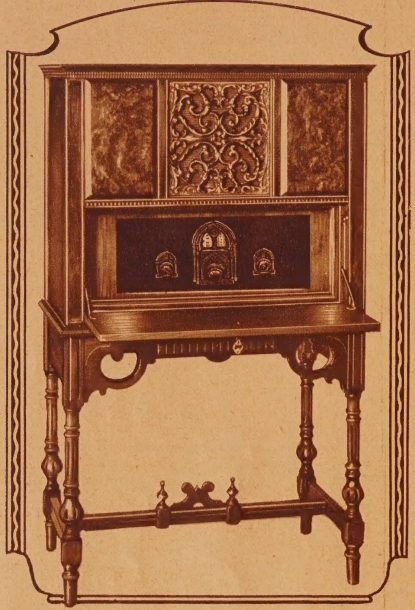
For All-Electric A. C. Operation

No. B9045. The Marquis 8 with 1—Super Power "A" and "B" eliminator (Raytheon type) for 105 to 120 volts A. C. current, 50-60 cycle, 6—201A tubes, 2—112 power tubes, "C" battery, aerial kit—nothing else to buy, ready to plug into the socket.

YOUR SPECIAL PRICE FOR THIS COMBINATION **$132.50**

For Battery Operation

No. B944. The Marquis 8 with 6—201A tubes, 2—112 power tubes, storage battery, 3—45 volt "B" batteries, "C" battery, aerial kit. Complete with built-in speaker ready to operate. YOUR PRICE..... **$114.50**



Venetian Seven-Tube

Electric or Battery Operation

AS AN easily operated and stable receiver which has wonderful tone quality, the Venetian 7-tube set has not its equal.

The Venetian 7-tube electric or battery set appeals strongly to any purchaser who wants a beautiful and select walnut console of exquisite shading. Spanish design with its rich and beautiful charm, made of American walnut of selected butt grain. Beautiful carved grill and mouldings. Soft velvety finish. 50½ in. high, 31 in. wide and 19 in. deep.

A long air column horn is built into top. Orthophonic effect speaker.

Description of Set

The set itself is the single control type with a single illuminated drum, beautiful olive green shaded panel, fully shielded chassis, a real 7-tube receiver which has tremendous power amplification, is extremely selective in tuning and delivers true reproduction with wonderful tone quality. Both the battery operated model and electric model are similar in design and construction except the electric model uses the new 226 and 227 R.C.A. tubes.

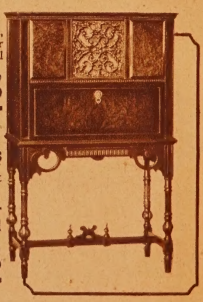
No. B10150—The Venetian 7-tube set for battery operation, complete in console as pictured, single control with built-in speaker, including balanced diaphragm, Baldwin unit, ready to operate.
List Price $200.00.
YOUR PRICE **$98.00**

For Battery Operation

No. B10151—The Venetian 7-tube set complete as described above except with 6—201A tubes, 1—112 power tube, 1—storage battery, 3—45 volt "B" batteries, 1—"C" battery, 1—aerial kit and instructions, ready for operation. **List Price $250.00.**
YOUR PRICE.... **$118.00**

For Socket Power Operation

No. B10152—The Venetian 7-tube console set with built-in speaker, complete with one Super-power combination "A" and "B" eliminator ready to operate on 105 to 120 volts A.C. current, 50-60 cycle, 1—aerial kit, 6—201A tubes, 1—112 power tube, 1—"C" battery and instructions, ready to operate from electric light socket.
List Price $290.00.
YOUR PRICE..... **$139.25**



New A.C. Electric Set Using New A.C. Tubes

No. B10153—The Venetian 7-tube model A.C. all-electric set complete with speaker and unit, including 4—R.C.A. or Cunningham U.X.226 tubes, 1—227 tube, 2—type 112 power tubes, complete with power pack for A.C. supply, cord and plug, including aerial kit, all ready to plug in and tune in.
List Price $290.00.
YOUR PRICE **$139.25**

A.C. All Electric

The Ambassador
Single Control—Illuminated Drum Seven Tubes

THIS is the fully shielded receiver, single control, illuminated drum with power amplification, completely shielded, sharp tuning and wonderful tone quality. This is the set which does not oscillate. Built into a console fully 48 in. high, 25 in. wide and 15 in. deep. Horn built-in on top is of the long tone travel type, giving wonderful tone quality. Sold complete with Baldwin power unit.

The Console Itself

The console is of Spanish design of the finest American walnut veneers with rich polychrome overlays set of the bottom and the doors. Decorative hinges, a console of exquisite beauty, spacious, good-sized—a wonderful quality.

All Electric Model

The all-electric model uses the new Radio Corp. of America A. C. tubes. No batteries nor chargers are required. This set is also furnished for use with batteries or for use with "A" and "B" eliminators. Regardless of how this set is used, it will deliver what you expect of it and more. Its beauty is exquisite. It is single control, it is no trouble, no bother, no nuisance.

No. B10154. The Ambassador Console set as pictured for use with batteries. Shipping weight, 105 lbs.

List, $175.00
YOUR PRICE **$76.00**

For Battery Operation

No. B10155. Set complete with all accessories, including 6 201A tubes, 1 112 power tube, 1 storage battery, 3 45-v. "B" batteries, 1 "C" battery, aerial and groundoutfit, shipping weight 205 lbs.

List Price, $230.00
YOUR PRICE **$103.00**

For A. C. Socket Power Operation

No. B10156. For complete socket power operation, 50-60 cycle, 110 to 120 volts, including 6 201A tubes, 1 112 power tube, 1 Abox "A" eliminator, 1 Knight "B" eliminator, "C" batteries, aerial and ground outfits. Shipping weight, 200 lbs.

List Price, $275.00
YOUR PRICE **$121.75**

For A. C. All Electric Operation Using New A.C. Tubes

No. B10157. The Ambassador console all-electric model for use with 50-60 cycle A. C., 90 to 120 volt current, including 4 226, 1 227 and 2 112 power tubes, complete with power pack, with plug, including aerial kit, ready to plug in and tune in, nothing else for customer to buy. Shipping weight, 225 lbs.

List Price, $275.00
YOUR PRICE **$121.75**

Knight 8 Tube Single Control

All Electric or Battery Operated

8 TUBE CHASSIS

List Price $80.00

YOUR NET PRICE

$38.50

No. B9093

Licensed under R. C. A., General Electric and Associate Patents

Completely shielded single illuminated drum control powerful EIGHT TUBE RECEIVER

Nothing Better At Any Price

Compare These Features

Fully Shielded	Enormous Power
Single Control	Push-Pull Full-Wave Power Amplification
Illuminated Drum	Space-Wound Coils
Hair-Line Selectivity	Walnut Cabinet

Here is the supreme offer of the 1928 Radio Season. The Knight Single-Control 8 is far ahead in radio design. It employs the latest features in simplified tuning, accuracy of construction and built-in power amplification.

Powerful—Selective

Designed to meet the abnormal conditions of the most crowded broadcasting district in the world. It has proved its efficiency by cutting through the maze of powerful local stations, bringing in far-distant stations with power and full volume.

MARVELOUS TONE

By virtue of the new push-pull, full-wave power amplifier built right into this powerful 8-tube receiver, the tone quality—the perfection of reproduction—is astounding. Music and speech are amplified to such a degree of perfection that artists actually seem to be playing before you in person. Uses the latest power tubes and is adaptable to operation with batteries or eliminators.

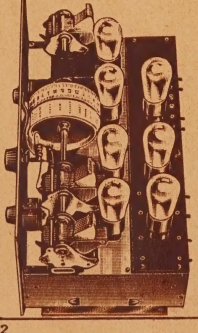
ATTRACTIVE APPEARANCE

The symmetrical design of the panel is graceful and pleasing to the eye. Beautifully etched and embossed bronze escutcheon plate behind which is the illuminated double drum with fine scale readings on one side and ample space for logging stations on the other. Two miniature Mazda lamps behind the translucent scales illuminate the drum, simplify tuning and enhance the panel appearance. The metal panel is rich finished in verdigreen, giving a striking effect of beauty.

Your Opportunity—Sell From Sample

An unusual offer. You can buy this powerful licensed chassis only without cabinet and install it in any console. 8x18 panel. Furnished for straight or sloping cabinet. Depth, with straight panel, 9 in.—with sloping panel, 10¾ in. The performance of the sample is certain to attract wide attention, making possible volume sales with small investment.

No. B9093. Chassis only. List $80.00. YOUR PRICE **$38.50**



Knight 8 In Cabinet

The Knight 8 in genuine walnut cabinet, as pictured. Richly finished, hand rubbed, heavy, solid construction. Full piano hinge.

No. B9094. List $125.00. YOUR PRICE **$47.50**

Complete With Accessories

Knight 8 in cabinet, as pictured with 5 X201A tubes, 1 X200A detector and 2 X112 tubes, 1 storage battery, 3 45-volt "B" batteries, 1 "C" battery, 1 aerial kit and 1 Operetta drum cone. YOUR PRICE **$74.25**

A. C. All Electric Operation

No. B9095. Furnished complete for socket power operation with 1 Super-power "A" eliminator, 1 Super-power Model 180 "B" eliminator, 5 201A tubes, 1 200A detector tube, 2 112 power tubes, 1 "C" battery, aerial kit, Operetta drum cone..... **YOUR PRICE $98.50**

Exclusive Agents Wanted

Write for agents' proposition offering exclusive territories and big profits. Lowest wholesale prices.

The New Wellington 6

Single Illuminated Control

What Single Control Means

WITH the Wellington Six, single control means a single tuning control rotating all tuning apparatus with only a clarity and volume control for refinement and volume variations.

Has a single rotating drum, rotating toward you which is illuminated from within, spaced in two Gothic openings.

Shielded Construction

Three stages of radio frequency, three stages of audio-frequency with power amplification. Smooth vernier adjustment, green-back metal panel, modified straight-line condensers sharp tuning, battery cable attached.

Manufactured Under R. C. A. Patents

This beautiful single-control radio set has **wonderful tone quality.** The speaker is built-in and a **balanced diaphragm unit is included.** Large compartments for eliminators or batteries. Beautiful shaded two-tored mahogany finished cabinet. **35 in. high, 23 in. wide and 16 in. deep.**

Buy a Sample and Sell From It!

No. B9032. The Wellington Six **console set,** in single lots at six-lot prices. Retail list price, $125.00. YOUR NET WHOLESALE PRICE **$52.65**

For Battery Operation

No. B9033. The Wellington Six **Console,** including 5 201A tubes, 1 112 power tube, storage "A" battery, 3 45-v. "B" batteries, "C" battery, aerial kit, **nothing else for your customer to buy.** YOUR NET WHOLESALE PRICE, COMPLETE **$78.50**

For All-Electric A. C. Power

No. B9034. The Wellington Six, including 1 Abox "A" and Knight "B" eliminator (Raytheon type), for 105 to 120 volts A.C. only, 50-60 cycle, aerial kit, 5 201A tubes, 1 112 power tube, "C" battery, **nothing else for your customer to buy.** YOUR NET WHOLESALE PRICE, ALL COMPLETE **$97.50**

6-Tube Spanish Treasure CHEST

TWO DIAL CONTROL, BALDWIN UNIT, BUILT-IN SPEAKER. Priced $50 below market value! Fully 28 in. wide, 16 in. deep and 16 in. high, table model with built-in long throat speaker. **It is constructed of the heaviest class of walnut.** Big and broad and massive. It has room for "B" batteries.

Set Construction

The famous 2-knob control placed on the face of a wonderfully grained, gold etched walnut panel. Solenoid coils, new modified straight line condensers and three stages of audio frequency amplification. **This type of set is moving tremendously.**

A $25.00 Cabinet and a $10.00 Speaker Besides the Set

This cabinet alone originally sold for $25.00. The speaker, Rival Unit and big tone chamber is worth $10. The set chassis is worth $24. It is truly an $80 value. Buy one and sell from Sample!

No. B9013. The Famous Spanish 6-Tube Treasure Chest, including complete speaker.

Retail List $80.00
Your Net Whoesale Price **$32.50**

For Battery Operation

No. B9014. The Spanish Treasure Chest with built-in speaker and Baldwin unit, 6—201A tubes. Storage "A" battery, 2—45 volt "B" batteries, "C" battery, aerial kit — nothing to buy. YOUR NET WHOLESALE PRICE **$53.75**

All-Elect. A. C. Power

No. B9015. The Spanish Receiver with Super Power "A" and "B" eliminator (Raytheon type) for 105 to 120 volts A.C., 50 to 60 cycle, 6—201A tubes, aerial kit, "C" battery, **ready to plug in.** YOUR NET WHOLESALE PRICE **$74.60**

The New Sentinel 6 Price Reduction

The Price Talks

NEVER before in the history of radio has a 2-control, 6-tube receiver, built into a genuine heavy walnut cabinet, been offered at this price. This astounding value is your opportunity for tremendous sales and big profits and will, without question, outsell any set in its class. Avail yourself of our offer and obtain and give the biggest value for the fewest dollars!

Set Construction

THE panel is gold etched, finely embossed. All parts mounted on sub-base. Modified straight line frequency condensers. Three stages of low ratio audio. Bakelite sockets, Solenoid coils. Both hands tune the set.

Cabinet Construction

The top is a slightly shaded 2-tone dark solid walnut construction. The entire cabinet is built of genuine walnut, full size, 13 inches deep, heavy, massive. Cabinet alone would ordinarily sell for $20.00.

No. B9022. Without accessories, and sold in single lots to you at the 10-lot price. List Price, $65.00. YOUR PRICE..... **$25.85**

Complete With Accessories

No. B9023. Complete with all accessories—6 type X-201A tubes, 2 45v. "B" batteries, storage "A" battery, "C" battery, aerial equipment, battery cord and 1 Quality Cone Speaker or Victor Horn Speaker. YOUR SPECIAL PRICE..... **$51.50**

Note—Both the Cone and the Horn Speaker have good volume and tone quality. Specify either.

For A. C. All Electric Operation

No. B9025. Complete with 1 Super-power "A" and "B" Raytheon eliminator for 105 to 120 v. A.C. current, 50-60 cycle, aerial kit, 5 201A and 112 power tubes, "C" battery, including the famous Operetta Drum Speaker. Nothing else for your customer to buy..... **$69.50**

No. B9041
Retail List Price, $95.00

Your Price $36.50 Really 60% Discount

Radynola Grand 6-tube Console Set as pictured, without accessories, but including loud speaker built-in and unit.

STURDILY constructed, substantially built and finished in a smooth hand-rubbed dark mahogany, this console represents the best dollar and cents practical value in a 6-tube receiver which the market today affords.

It is the Radynola 6-tube set built into this sturdy console with built-in loud speaker and with compartments for batteries that has excelled the market.

The Fastest Console Seller

Because of the real substantial value, the Radynola Grand sells like wildfire. While we try to make prompt deliveries, we ask dealers to anticipate their requirements, as thousands of these sets will be sold. Get in on the profits. This set meets any and all competition.

Console Details

TWO doors open below on large compartments for batteries, etc. In the center is a deep loud speaker supplied with a large balanced diaphragm unit of clear, undistorted volume and clarity. Greater volume for public places may be obtained with an additional 45-volt "B" battery and 1 power tube, type X-112. Tuning with straight line condensers and solenoid coils.

Radynola Grand Six

Complete with Accessories

No. B9042. Complete with 6 type X-201A tubes, 2-volt "B" batteries, "C" battery, storage "A" battery, aerial equipment, battery cord, ready to operate. YOUR SPECIAL PRICE..... **$55.90**

The FAMOUS KNIGHT CONES
Sensational Reductions!

Radio's Biggest Speaker Bargain

EMBODIES latest scientific acoustical developments. Famed for deep, natural tone and ability to reproduce faithfully. **Vividly reproduces with perfection and fidelity.** The cone diaphragm is of the double bellows type with a scientifically designed power unit which responds equally to all musical frequencies. This results in natural reproduction of the lowest and highest portions of the musical scale in an astounding manner.

No. B8550—20-Inch—Knight

Cone Speaker

List $25.00

Your Special Price $8.40

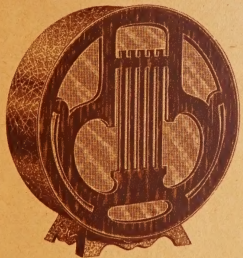
Wonderful Tone Quality

Will carry power without distortion, rasping or chattering. Brings out the shading overtones that distinguish good music. Beautiful in appearance. Finely finished and strikingly decorated.

Enormous Volume

$25 Operetta Drum Cone

The Buy of the Season $5.95



THE Operetta drum regularly retails at $25.00. We are introducing it to our dealers at a discount far greater than 50 per cent.

Nowhere can you find a $25.00 speaker offered to you at such great discount. Not an obsolete speaker being swamped on the market.

Full Floating Free Edge Cone

The new Operetta Drum Cone Speaker is a masterpiece of acoustical development.

The scientifically developed free edge cone is actuated by the new Operetta unit, built of the finest materials with large heavy magnet and sensitive windings. **The unit responds to the faintest impulses of energy, reproducing to full volume the weakest signals from distant stations.**

Rich Decorative Design

The aluminum drum is **beautifully finished in tuscan bronze gold, crackle crystalline.** It has a gracefully designed highly finished and polished wood grill with attractive silk backing.

Power Amplification

The new Operetta unit is actually tested on 400 volts at the factory, and will handle this heavy voltage. It will not blast, overload or chatter.

Superior Tone Quality

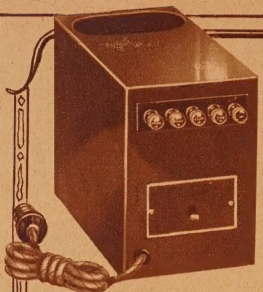
The new reflex principle adapted to the Operetta **Drum Speaker brings out the full depth and timbre of the mightiest organ or the full symphony orchestra.**

The overtones are not lost as is often the case with the average reproducer.

Genuine $25.00 Value

Retail List Price $20.00

No. B8565 Your Price . . $5.95



Super Power "B" Eliminator

With Genuine Raytheon Tube and Voltage Regulator "Glow" Tube

High Voltage—Heavy Duty

THE new Model 180 Super-Power "B" Eliminator is rated at 180 volts maximum—85 milliamperes total current delivery with Raytheon B-H tube.

Adjustable To All Sets—1 To 15 Tubes And Power Tubes

May be used with any radio receiver on the market. It will actually supply sufficient current for 15 tubes and in addition 3 or more power tubes or, if desired, 3 112 and one 171 power tubes or one 112 power tube and 2 181 power tubes in push pull in addition to the regular tubes. Has five voltage output taps—Negative, Detector, 90 volts+, 135 volts+, 180 volts+.

No Hum—No "Motor Boating"

Each eliminator is thoroughly laboratory tested with the most efficient and delicate apparatus o detect the slightest trace of hum for voltage and current delivery.

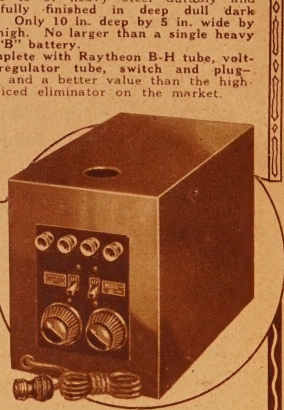
Costing less than a good set of heavy duty "B" batteries, it will supply continuous constant voltages to any radio receiver at all times without care or attention. It actually draws less than half the current of the average electric light lamp.

Unbelievably Low Priced

Case is of heavy steel durably and beautifully finished in deep dull dark green. Only 10 in. deep by 5 in. wide by 7 in. high. No larger than a single heavy duty "B" battery.

Complete with Raytheon B-H tube, voltage, regulator tube, switch and plug—bigger and a better value than the highest priced eliminator on the market.

Retail $42.00
No. B8033
YOUR PRICE . . . **$18.50** **With Tubes**



Knight B

Socket Power Knight Eliminator

Up to 180 Volts—Noiseless

IT WILL operate 10 tubes, including power tube. Two variable adjustments control any voltage. Equipped with the now famous **Raytheon Tube** to operate from 110 volts, 50 or 60 cycle, A. C. current.

Thousands Are Sold

Thousands of these eliminators are being sold at prices up to $50.00. Make big profits. Beautiful dull green finished metal case with the etched panel. Size 6⅜x10x5½. Two switches control high and low voltages. Complete with rubber-covered cord and plug.

List $35.00
No. B8062
YOUR PRICE . . **$14.95**

With Raytheon 100 Mil. B. H. Tube

Special Value

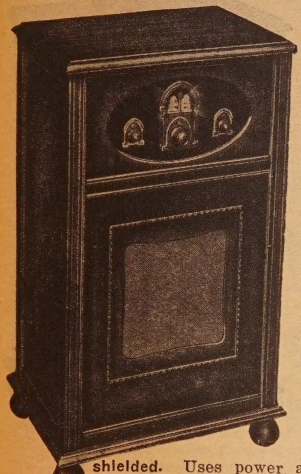
The new Knight Raytheon "B" entirely eliminates "B" batteries and furnishes a steady constant current for radio receivers from an A. C. electric light source. This new powerful eliminator is equal to the best and better than any within $15.00 of its cost.

Take advantage of our special offer. Compare our price.

The New Ampliphonic 7

For Battery or Electric Operation or Using

The New Radio Corporation A. C. Tubes



This is the new Ampliphonic 7-tube Receiver deluxe, either for battery or as the All-Electric Set. For such who have no electric light supply, the set for battery operation is, of course, the biggest buy on the market. For such who have 90 to 120 volts A. C., 50-60 cycle current, the Ampliphonic Seven for electric operation using the latest R.C.A. A. C. tubes is the right set to buy.

Description of Set

Console is of beautiful walnut, **40 inches high, 24 inches wide and 16 inches deep.** Beautiful green black soft finish metal panel mounted with bronze escutcheon plates. **Single control only.** One illuminated drum rotating toward you with numerals and logging space. Gold silk grill in front of Amplion wonderful power speaker.

The newest method of control shown in console sets priced at $150.00 to $350.00 with the illuminated drum rotating toward you, numerals on the left and erasable logging on the right, you have one of the finest receivers on the market today.

Shielded Construction

Three tuning condensers all turning in synchrony. **Coils are space-wound. Everything fully brass shielded.** Uses power amplification with large transformers capable of handling tremendous volume and delivering the most wonderful tone quality.

Some of the features of the Ampliphonic Seven are as follows: **Single illuminated drum control. Genuine walnut console. Built-in power speaker. Fully shielded. Power tube equipped. Battery operation or all-electric set with latest A. C. tubes.**

No. **B9000.** We offer the Ampliphonic 7-Tube Receiver as pictured and described, our feature offer, for operation with batteries, completely crated in ply-wood case, shipping weight approximately 85 to 90 pounds, shipped by express or freight.

Retail List Price $125.00

YOUR NET WHOLESALE PRICE **$49.50**

With Battery Equipment

No. **B9001.** The Ampliphonic 7 as described above, complete with 6 201A tubes, 1 112 power tube, 1 6-v. 110 A. H. storage "A" battery, 3 45-v. "B" batteries, 1 7½-v. "C" battery, 1 aerial kit and instructions, ready to operate, nothing else for your customer to buy

YOUR PRICE . . . **$74.50**

For Electric Operation

All-Electric Equipped

No. **B9002.** The Ampliphonic 7, including 1 Abox "A" Eliminator and 1 Super "B" Raytheon "B" Eliminator to operate on 105 to 120 volts A. C. current only, 50-60 cycle, 1 aerial kit, 6 201A tubes, 1 112 power tube, 1 7½-v. "C" battery, and instruction, nothing else to buy, ready to plug in the socket.

YOUR SPECIAL PRICE.. **$91.65**

All-Electric for New A. C. Tubes

No. **B9002E.** The Ampliphonic 7 for operation on 50-60 cycle 90 to 120 volt A. C. current, including 4 UX226, 1 UX227 and 2 type 112 power tubes, A. C. power pack, kit and plug, nothing else to buy.

List Price, complete, $210.00.

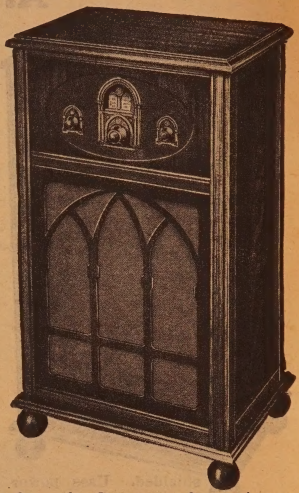
YOUR PRICE **$91.65**

Gladiator Electric 7
With New Radio Corporation
UX226 A. C. TUBES UX227

Just Plug into Electric Light Socket

THE Gladiator All-Electric Set operates from 90 to 120 volts A.C., 50-60 cycle current only. **It requires no batteries, no chargers.** It comes equipped with a power pack and plug ready to plug in and tune in.

It is one of the new type receivers using R.C.A. or Cunningham 226 or 227 A.C. tubes and 2—112 power amplifier tubes.



Set Description

A fully brass shielded set, shielding the audio from the radio frequency unit. The class of shield which appears to be one of the best according to the Bureau of Standards.

The audio frequency end uses power transformer amplification delivering tremendous volume with the most beautiful tone quality.

Genuine Walnut Console Deluxe

Made of genuine walnut, full size, 40 in. high, 24 in. wide and 16 in. deep. Real dark with light shaded tones around speaker opening and around oval panel. Genuine walnut. An exquisite design.

The beautiful verdi-green panel is set behind the rich walnut oval opening. Beautiful embossed bronzed Gothic escutcheon plate countersunk to the illuminated single drum with space for logging and numerical divisions.

Manufactured Under Patents of R. C. A. and Associate Companies

The chassis in this set is manufactured under Radio Corp. of America patents and has the patent features with the latest model and designs.

The Power Speaker

A genuine Amplion power speaker is built in. Either the Amplion speaker or a long throat speaker of the orthophonic type is included. Normal value of speaker alone is $35.00. Either delivers beautiful tones regardless of whether low or high pitched music.

The A. C. Electric Seven Tube Gladiator Receiver Complete

No. B9016-E—The A.C. electric Gladiator 7-tube A.C. set is sold complete as pictured and described with power speaker, seven tubes consisting of 4—type 226 and 1—type 227 detector tube and 2—112 power tubes. All Cunningham or R.C.A. tubes. Includes a power unit equipped with plug **requiring no eliminators, chargers, batteries of any kind.** Absolutely nothing else to buy, ready to plug in and tune in. Includes Aerial Kit.

No. B9016-E

List Price $250.00

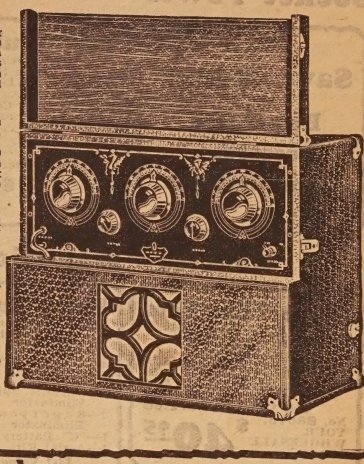
YOUR PRICE—COMPLETE **$98.75**

Roamer Portable

With Enclosed Loop

PORTABLE receivers are gaining great popularity. They may be taken anywhere and used under any conditions. For traveling men, tourists and vacationists.

The Roamer Portable is a 4-tube selective receiver having the volume and use of a 6-tube set. This receiver has been designed so that 6- and 7-tube results are obtained with a combination of radio frequency, reflex and regeneration. **Its efficiency has in no way been impaired by its installation in a portable case.** It gives remarkable service, distance and selectivity.



Enormous Volume

Reception of over 1,000 miles has been received on tests with full loud speaker volume. Such results are remarkable. They can be obtained consistently under normal conditions.

Dry cell tubes are used—that is, 3-199 and one type 120 power tube and they are conceded by leading authorities to be the most efficient amplifiers. **Our price on the Portable Set is far below the normal price of any portable which will give anywhere near the results.**

Compact and Commodious

Ample battery space is provided in this especially designed portable case. Uses 90 volts "B" battery and 6 1½-volt dry cells, all in the cabinet. The case is substantially constructed. **Spanish leatheroid covered with nickel corner**—a beautiful case. Side 24 in. long, 10¾ in. deep and 15¾ in. high. Loop is mounted under rear cover. Weight, 17 pounds. With accessories, weighs 43 pounds. Loud speaker is designed with a good unit.

No. B9087. List Price, $75.00. YOUR PRICE..... $28.95

Without accessories, including unit and horn and with built-in loop.

Complete With Accessories

Equipped with 135 volts "B" battery, 6 1½-volt dry cells, 1 "C" battery, 3 type X199 tubes, 1 type X120 power tube, nothing else to buy. $39.75

No. B9088. YOUR PRICE...

Hyatt Portable

A National Sensation Is This Fine Portable! Three Stages Radio Frequency—It Steps Out!

The Hyatt is known throughout the Country as one of the most reliable portable radio receivers. Some truly amazing reports have been made of its performance. It easily excels any other portable which we have tried.

Great care is exercised in the workmanship and material used in this Receiver. The walnut panel and the knobs, gold trimmed Vernier dial, the black corner tabs and handle, make a color combination that is pleasing and attractive.

The circuit used is untuned radio frequency, employing three stages of radio frequency, one detector, and two stages of audio frequency, matched and balanced to secure maximum efficiency.

The case is especially attractive in artificial leather covering with ship design on the inside of cover which houses the loop. Sizes: 11 in. high, 14 in. long, and 9 in. deep; weighing, completely equipped with batteries and tubes, less than 28 pounds—without accessories, 15 pounds.

The equipment used is six 299 type Tubes; three 1½-volt "A" Batteries; two 45-volt "B" batteries and one 4½-volt "C" Battery.

One of the Finest Portables Ever Made!

The Baritone Loud Speaker Unit is of special construction for this receiver. The reproduction qualities are a revelation—true, clear, and with great volume.

No. B9075. Set only. Equipment. Retail Price, $95.00. NET WHOLESALE .. $55.86

No. B9076. Set Complete with all accessories as specified above. Retail Price, $115.00. NET WHOLESALE .. $69.00

Trav-ler Portable

Single Control—Built-In Speaker

The TRAV-LER weighs only 24 pounds completely equipped, and has the volume and quality of reproduction which puts it far in the lead of this type of receiver. Low price and unusually high standard of quality.

The TRAV-LER Portable 5 is the result of exhaustive tests and experimenting, and no expense has been spared to produce a high class set of real quality as well as portability. The very best of materials and workmanship insures real satisfaction.

Operates Anywhere

Simply place the loop aerial, which is contained in the cover on top of set, turn on the switch and the receiver is ready to operate, whether you are at home or enroute on train, auto or boat.

Distant Reception—Volume

The TRAV-LER Portable 5 combines small size with ease of portability, sweet tone, ample selectivity, strong volume, distance and low price.

A sturdy, neat-appearing, black leatherette cabinet, which contains all the equipment. Excellent material and workmanship is built into this luggage to withstand wear.

Size over all, 8½ by 10 by 12½ inches.

Single-Dial Control, Built-in Loud Speaker, Two Stages of Radio Frequency, Detector, Two Stages of Audio Amplification, Loop Aerial.

No. B8902. List price, $65.00. NET $32.50

Accessories recommended for use with TRAV-LER:

5 CX299 Type Tubes, 3 Dry Cell "A" Batteries, 4 22½-volt "B" Batteries.

No. B8903. List value, $18.75. NET $11.85

Accessory Combinations

Socket Power — To Electrify Any Receiver

Save Money

Buy These Accessory Combinations

For 7 Tube Sets

With Power Tube

6—201A Tubes $10.50
1—112 or 171 Power Tube 4.50
1—Superpower Combination "A" and "B" Eliminator 67.50
1—"C" Battery ..... .60
1—Aerial Kit 2.00

List Value.....$85.10

No. B8620. YOUR WHOLESALE PRICE $41.50

For 5 Tube Sets

5—Type 201A Tubes....$ 8.75
1—Majestic Super "B" Eliminator 29.50
1—Superpower "A" Eliminator 32.50
1—Aerial Kit 2.00
1—Knight "C" Battery. .60

List Value $73.35

No. B8613. YOUR WHOLESALE PRICE $39.40

Balkite — Majestic — Super-Power

For 6 Tube Sets

6—Type 201A Tubes...$10.50
1—Balkite Combination "A" and "B" Eliminator 59.50
1—"C" Battery ..... .60
1—Regulation Aerial Kit 2.00

List Value $72.60

No. B8615. YOUR WHOLESALE PRICE $40.95

For 6 Tube Sets

With Detector and Power Tube

4—201A Tubes .....$ 7.00
1—200A Detector Tube. 4.00
1—112 or 171 Power Tube 4.50
1—Majestic Super "B" Eliminator 29.50
1—Superpower "A" Eliminator 32.50
1—"C" Battery ..... .60
1—Aerial Kit 2.00

List Value.....$80.10

No. B8617. YOUR WHOLESALE PRICE $41.45

For 6 Tube Sets

With Power and Detector Tubes

4—Type 201A Tubes...$ 7.00
1—Type 200A Detector Tube 4.00
1—Type 112 or 171 Power Tube 4.50
1—Combination Superpower "A" and "B" Eliminator 67.50
1—"C" Battery ..... .60
1—Aerial Kit 2.00

List Value $85.60

No. B8614. YOUR WHOLESALE PRICE $42.50

For 7 Tube Sets

With Detector and Power Tubes

5—Type 201A Tubes...$ 8.75
1—Type 200A Detector Tube 4.00
1—Type 112 or 171 Power Tube 4.50
1—Superpower "B" Eliminator 42.00
1—Superpower "A" Eliminator 32.50
1—"C" Battery ..... .60
1—Aerial Kit 2.00

List Value.....$94.35

No. B8619. YOUR WHOLESALE PRICE $42.80

For 8 Tube Sets

With Detector and Power Tube

6—Type 201A Tubes....$10.50
1—Type 200A Detector Tube 4.00
1—Type 112 or 171 Power Tube 4.50
1—Aerial Kit 2.00
1—"C" Battery ..... .60
1—Superpower "A" and 1 Superpower "B" or one combination superpower "A" and "B" eliminator 67.50

List Value.....$89.10

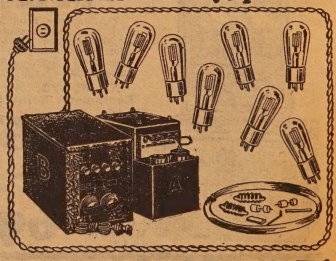
No. B8621. YOUR WHOLESALE PRICE $43.90

Electrify It Now!

NOW is the time to electrify your radio set. If you have 50 to 60 cycle, 100 to 120 volts, A. C. current you can buy one of these suggested combinations which will electrify your 5, 6, 7 or 8 tube set, and make it up to date. You will be surprised at the pleasure you are able to obtain from your old set.

It makes it new again —to stay!

A.C. All-Electric Equipment



Silver Dearborn 8

The Most Beautiful Solid Walnut Console Set Built

Full Size
61" High
28½" Wide
17" Deep

Licensed Under Patents of Radio Corporation of America General Electric Co. & Associates

The Console Beautiful

Too much cannot be said about this beautiful burl walnut front, genuine walnut console. It stands 61 in. high, is 28½ in. wide and 17 in. deep. A beautiful panel in soft green is offset by an etched bronze escutcheon plate, countersunk deeply into the panel and right up to the face of one illuminated drum with numerical readings and with a section on one side for logging. No back lash with this method of vernier adjustment. Two miniature Mazda lamps behind the translucent scales illuminate the drum, simplify tuning and enhance the panel appearance.

Compare These Features

- Fully Shielded
- Single Control
- Friction Drive
- No Back Lash
- Illuminated Drum
- Hair-Line Selectivity
- Enormous Power
- Brass Construction
- Push-Pull Full-Wave Power Amplification
- Matched Space-Wound Inductances
- Genuine Walnut Cabinet

Powerful— Selective

Here is the supreme offer of the 1928 Radio Season. The Silver Dearborn 8 is far ahead in radio design.

Designed to meet the abnormal conditions of the most crowded broadcasting district in the world. It has proven its efficiency by cutting through the maze of powerful local transmitters, bringing in far-distant stations with power and full volume. Nothing like it ever before heard of.

Marvelous Tone

By virtue of the new push-pull, full-wave power amplifier built right into this powerful 8-tube receiver, the tone quality—the perfection of reproduction—is astounding. The volume is tremendous and is controlled at will by a single small knob. Uses the latest power tubes and is adaptable to operation with batteries or eliminators.

Retail List Price $200

No. B9038. The Silver Dearborn 8-Tube Console Set. With built-in loud speaker and Baldwin or Amplion unit.

Net Wholesale Price

$79.50

For Battery Operation

No. B9039. The Silver Dearborn 8 Console Set, as described and featured with 6 201A tubes, 2 112 power tubes, 1 aerial kit, "C" battery, 3 45-volt "B" batteries, storage "A" battery, complete instructions, ready for operation.

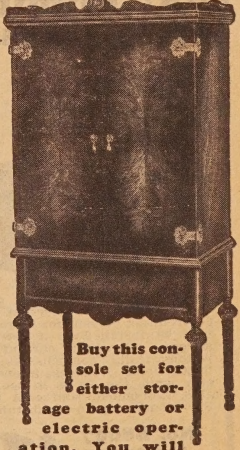
Your Net Wholesale Price

$102.00

A. C. All Electric Operation

No. B9040. The Silver Dearborn Eight, complete, ready to plug in light socket, with 1 Super-Power combination "A" and "B" eliminator, (Raytheon type) to operate on 105 to 120 volts A.C. only 50-60 cycle, 1 aerial kit, 6 201A tubes. 2 112 power tubes, 1 7½-volt "C" battery, and instructions. A $300.00 value — complete in every respect.

$123.50

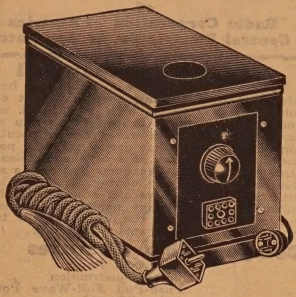


Buy this console set for either storage battery or electric operation. You will never regret it.

Knight "ABC" Power Supply

For Use with the New A. C. Tubes

COMPLETELY powerizes any set or kit designed for use with the new 226, 227 A.C. tubes. Will operate sets up to 8 and 10 tubes.



Fixed Voltages—Cable Plug Connection

Equipped with Jones 10 contact Multi-Plug. Simplest installation. Can be instantly connected or disconnected. No binding posts to work loose or become corroded. No blindly turning of variable voltage adjustments. Has but one adjustment for line voltage which adapts it to universal use on 50-60 cycle A.C. current of from 90 to 125 volts.

Up to 180 Volts—No Hum

Completely electrifies any A.C. circuit. Has detector tap, 90 volt tap and high voltage tap for power tube. Furnishes three filament voltages for A.C. amplifier, A.C. detector and also for power tube. Finest filter circuit in existence—no hum. Highest tested rating. Fully approved by Raytheon. Furnished complete with genuine Raytheon type BH 125 mil. tube.

In Big Demand

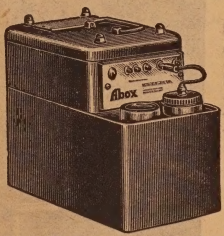
Thousands of these eliminators are being sold at prices up to $65.00. The indispensable power unit for all the new A.C. kits. With this unit no A.C. heating transformers or other devices are necessary. Will operate the new A.C. circuits direct from the light socket without need of batteries, transformers or other equipment. Compact in size, efficient design. Size 6" wide by 10½" long by 7½" high. Complete with rubber covered cord and plug and Jones multiplug. With Raytheon tube.

$18.50

No. B8062 A.C. List $50.00. YOUR PRICE

ABOX "A" Eliminator

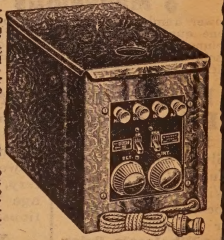
Genuine "A" Eliminator



Supplies constant, uniform, unfluctuating current for tube filaments. A complete "A" eliminator. No batteries, no chargers, no relays. Consists of a rectifier and highly efficient filter built into one compact unit. It converts 110 volt A.C. current into uniform 6-volt direct current for all radio receivers. Can be installed in a few minutes by anyone. Constant current. No hum. Automatically compensates for voltage fluctuations. Noiseless in operation. Used only while the set is in use. A dependable, economical source of "A" current. For all sets up to eight tubes.

No. B8007
List $32.50
YOUR PRICE **$19.11**

Knight "B" Eliminator



Standard Knight "B" Eliminator for operating all types of radio receivers. Furnishes constant, steady "B" current from the light socket. Powerful and quiet in operation. Superior to all other eliminators of its type on the market.

Powerful —Humless

Will operate radio receivers of up to eight to ten tubes. Has two variable adjustments for detector and amplifier voltage. Also has power tap for supplying high voltage to power tubes of the 112 or 171 type. Finest filter circuit and finest materials throughout entirely eliminate possibility of hum. Fully approved by Raytheon. Supplies up to 150 volts at 60 mils.

Slashed Price

No other eliminator of such quality can be offered at this low price. Thousands have been sold at greatly higher prices. In big demand. The low cost to you enables you to make bigger profits and greater sales.

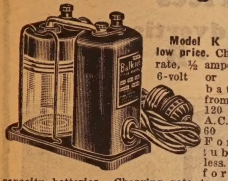
Compact—Well Finished

Small in size. Will fit in small compartment. Sizes 6⅜ by 10 by 5½. Beautifully finished in dull soft dark green. Etched panel. Has "on off" switch and "high low" switch. Complete with rubber covered cord and plug and equipped with genuine Raytheon type BH 125 mil. tube. Operates from 100-110v. 50-60 cycle A.C. current.

No. B8062
List $35.00
YOUR PRICE . . . **$14.95**

Balkite Power Equipment

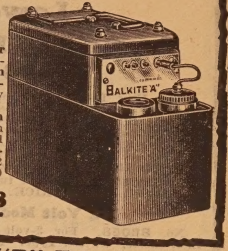
Trickle Charger



Model K a new low price. Charging rate, ½ ampere for 6-volt or 4-volt batteries from 110-120 volt A.C., 50-60 cycles. For 6 tubes or less. Ideal for small capacity batteries. Charging rate tapers.

No. B8012. List, $7.50. Less 40%, $4.50. Less 2%. YOUR PRICE $4.41

Balkite "A" Eliminator



A complete batteryless power unit supplying noiseless uniform "A" Current. Complete in itself and requires no accessories of any sort. Operates only when the set is in use.

No hum. No tubes to burn out or replace. Does away with batteries, chargers, relays and switches. **Requires no adjustments.** Rated output 6 volts 2 amp. For 110-120 A-C, 50-60 cycles.

No. B8017. List, $35.00. Less 40%, $20.58. Less 2%. YOUR PRICE ...

New Model "N" Two Rate Trickle

A new, large trickle charger of increased capacity to serve large sets and power tubes. **Has two charging rates—.5 and .8 amperes.** May be used as a continuous trickle charger or as intermittent charger. For sets up to 8 tubes, including power tubes. Has large jar with 16-oz. water capacity. Delivers a tapering charge. **Operates from 110-120 A. C.**

No. B8013. 50-60 cycle model. **List, $9.50. Less 40%, $5.70. Less 2%. YOUR PRICE $5.59**

No. B8014, 25-cycle only. **$11.00. Less 40%, $6.60. Less 2%. YOUR PRICE $6.47**

Charger Model "J"

The large full rate and trickle charger model. **The standard rapid radio battery charger for either 4 or 6-volt "A" batteries.** Has two charging rates. Trickle, ½ amp. and heavy duty, 2½ amp. Sufficient to serve the largest or smallest battery or set. Noiseless in operation. 110-120-volt A.C.

No. B8015. 50-60 cycle. **List, $17.50. Less 40%, $10.50. Less 2%. YOUR PRICE $10.29**

No. B8016. 25-40 cycle—1½ amp. high rate. **List, $19.50. Less 40%, $11.70. Less 2%. YOUR PRICE $11.47**

Balkite "AB" Eliminators

Replaces both "A" and "B" Batteries and Supplies "A" and "B" Current Direct from the Light Socket.

Not a "battery and charger combination." Complete in itself and requires no accessories of any kind. Is turned on and off at the electric light switch.

Noiseless in operation. No hum. **Has no tubes to burn out or replace.** Current output is constant and uniform. No adjustments. **All connections to the set made inside the case.**

Balkite "AB" Model 6-135 Output, 6 volts, 2 amperes, "A" current; 40 milliameters at 135 volts "B" current. Will serve practically any standard set using standard 201A tubes with 112 power tube. For 110-120 volt A.C., 50-60 cycle.

No. B8021. List, $64.50. Less 40%, Less2%. YOUR PRICE $37.93

Balkite "AB" Model 6-180. Output, 6 volts, 2 amperes "A" current; 55 milliameters at 180 volts "B" current. Will serve any standard multitube or smaller set using 6-volt tubes including 112 and 171 power tubes. For 110-120 A.C., 50-60 cycle.

No. B8022. List Price, $74.50. Less 40%, Less 2%, YOUR PRICE..... $43.81

Balkite "B" Eliminators

Improved Model "B" W

Replaces "B" batteries entirely and supplies "B" current from the light socket.

Popular low priced model recommended for sets having five and six tubes or less requiring maximum of 67 to 90 volts. Has separate tap for detector. Operates from 110-120 A.C. 50-60 cycle.

No. B8018. List, $22.50. Less 40%, $13.50. Less 2%. YOUR PRICE $13.23

New Model "B" 135

A new improved "B" eliminator for practically any set including sets using 112 type power tubes. **Delivers 40 milliamperes at 135 volts.** No adjustments. Noiseless—no hum. Taps for detector, intermediate and amplifier voltages. For 110 volt 50-60 cycle A.C.

No. B8019. List. $35.00. Less 40%. Less 2%. YOUR PRICE $20.58

Balkite "B" 180

A new improved universal model Balkite "B"eliminator for **all multitube sets using any number of tubes and any type power tube including 112 and 171.** Smooth unfluctuating uniform output. Sufficient high voltage delivery for great power amplification. Has intermediate taps for smaller sets. **Output 55 milliamperes at 180 volts.** For 110-120 volt A.C., 50-60 cycle.

No. B8020. List, $42.50. Less 40%. Less 2%. YOUR PRICE $24.99

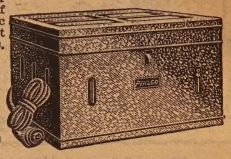
PHILCO PRICES SMASHED

Lowest Wholesale Prices

Genuine Philco—Nationally Advertised
180 VOLT MODEL A - B

The New Philco "A" and "B" Eliminator furnishes power from the electric light socket for the filament and the plate of vacuum tubes. Entirely automatic. Equipped with automatic relay switch controlling the "A" and "B" Eliminator direct from the radio set switch. Accommodates the new power tubes. Recommended for any circuit. Entirely hum-less. **For 110 volt 50-60 cycle A. C.**

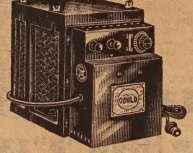
No. B8057. For 5-volt tubes. Type 686. List, $49.50. YOUR PRICE..... **$29.70**



4 Volt Model for 199 Tubes

No. B8058. For 3-volt tubes. Type 463. List, $38.50. Switch Type. YOUR PRICE..... **$23.10**

New Gould
Automatic Unipower

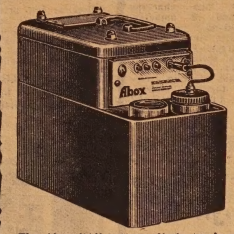


The new Gould Unipower is fully automatic. Requires no attention except to add water. The radio set switch throws the charger on and off automatically. Consists of new submarine type battery and new noiseless Balkite charging unit. Has four charging rates. Will also control any "B" eliminator and has a receptacle for plugging it in for 110-volt, 50-60-cycle.

No. B8001. Type A. C. 6K. Retail List, $39.50. YOUR PRICE $23.23

No. B8002. Type A. C. 4R for Radiolas and other sets using 4-volt tubes with master control switch, not automatic. **Retail List, $29.50. YOUR PRICE... $17.35**

Abox "A" Battery Eliminator



The Abox "A" battery eliminator **is a combination of a rectifier and the well known Abox filter built into one compact unit. It is not a battery and charger combination but is a genuine "A" eliminator.**

It converts 110 A. C. into uniform 6-volt direct current. **It can be installed in a few minutes by anyone.**

Uniform Current

Supplies constant, uniform, unfluctuating current for tube filaments. Automatically compensates for voltage fluctuations. **Used only while set is in operation.**

No. B8007. List, $32.50. Your Price **$19.11**

Westinghouse "A" Auto Power

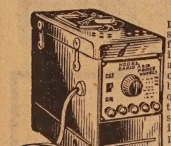
A new improved socket power "A" unit. Fully automatic. Consists of combination dry Westinghouse rectifier and standard 40 ampere Westinghouse Union battery with automatic relay switch.

The dry rectifier does not wear out nor require replacement. **Battery charges automatically** when radio set is off—will automatically control a "B" eliminator. 3 charging rates: ¼ amp., ½ amp., and 1 amp. **The Auto Power is always fully charged and ready for use the moment the radio set switch is turned on.**

Easy to install. For 6-volt tubes—operates from 110 v., 50-60 cycle A. C. current.

No. B8004. Retail, $35.00. YOUR PRICE..... **$20.58**

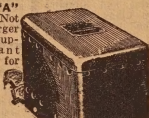
Combination "A-B" Transifier



Complete permanent socket power for all receiving sets. No acids, liquids or charging bulbs. Requires no attention whatsoever. Furnishes complete "AB" power from the light socket. Genuine "AB" eliminator. For all six-tube and most seven-tube sets.

No. B8020. Requires CX313 type tube. List, $58.50 without tube. YOUR PRICE.... **$34.40**

Elkon "A" Power



Genuine "A" eliminator. Not a battery charger combination. Supplies constant "A" power for any radio set direct from the light socket. Equipped with Elkon dry rectifier. **Output, 3 amperes. Enough current for 10 or 12 tubes including power tubes.** For any radio receiver **without alteration or change of wiring.** For 110-volt, 50-60-cycle A. C.

No. B8006. Retail List, $49.50. YOUR PRICE..... **$29.10**

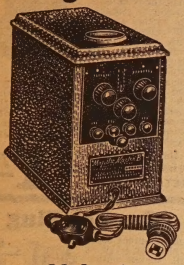
"A" Transifier

Perfect, unlimited, inexhaustible light socket radio "A" power. Not a combination battery charger. No liquids or tubes. Absolutely no attention. No changes in set wiring or tubes. For all sets and every circuit. No hum. Quiet operation, increased volume and sustained power.

No. B8003. Model 102 for 6 tubes or less. List, $29.50. YOUR PRICE.... $17.35

No. B8008. Model 103 for all sets up to 12 tubes. List, $39.50. YOUR PRICE... $23.23

Majestic 'A' & 'B' Eliminators



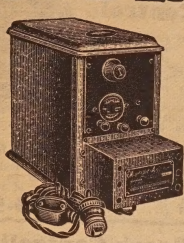
Majestic Master "B"

Special Master "B" Eliminator offering complete control of output voltage taps. Four "B" plus taps for any combination of voltage; detector, intermediate, amplifier and power voltages. Will accommodate all sets and all circuits. Heavy output voltage to operate large sets with power tubes. Equipped with the new Majestic tube included in price.

No. B8010. List, $32.50 with tube. YOUR PRICE... **$19.11**

MAJESTIC "B" TUBE

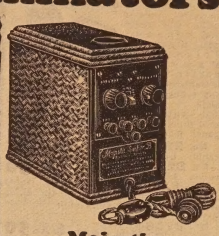
No. B121. Tube for Majestic Eliminators. List $4.50. YOUR PRICE **$2.64**



Majestic "A" Current Supply

Furnishes constant, permanent "A" power direct from the light socket for radio sets of from 5 to 8 tubes including power tube. Absolutely dry in construction, **using no acids or liquids whatsoever.** No hum when in operation. Output of 2½ amps. at 6 volts—rheostat for regulating voltage. Also has cut out to prevent excessive voltage. Has receptacle for plugging in "B" supply so that both "A" and "B" may be operated as a unit. **Has genuine Elkon Dry Rectifier.** Cabinet in rich black crystal enamel. Dimensions: **13 in. deep, 5½ in. wide and 9 in. high. Compact.** Will fit most any battery compartment.

No. B8011. List, $39.50. YOUR PRICE ... **$23.23**



Majestic Super "B"

A leader in popularity, sales and efficiency, for sets of 1 to 12 tubes. Equipped with the new Majestic Super **"B" rectifier tube. Rating 50 mils at 180 volts. For loads up to 12—201A tubes or equivalent.** Will deliver 180 **volts for 171 power tube,** 2 variable voltage controls and high and low voltage switch; 4 terminals: **negative, detector, intermediate and amplifier.** Adaptable to practically any radio receiver.

No. B8009. Complete with Majestic tube. List, $29.50. YOUR PRICE.. **$17.35**

Majestic Ace Models

Equivalent to Master "B" in output rating and all-around efficiency, but equipped with step-down transformer and output terminals for filament connections for supplying current for A. C. Tubes.

No.	Model	Type A. C. Tube	List	Each Complete with 100 Mill Tube
B8009A.	ACE "R"	McCullough	$35.00	**$20.58**
B8009B.	ACE "S"	CX326 or UX226	35.00	**20.58**

Kingston "B" Current Supply

New Improved Kingston "B" Eliminator using the genuine Raytheon BH tube. Perfectly quiet. Has three voltage terminals, adjustable. **Gives any desired voltage from 5 to 180. Size: 9 in. long, 5¼ in. wide, 8¼ in. high.** Type 2—for set 8 tubes or less and 112 power tube. Type 2A—for larger than 8 tubes or using the 171 power tube.

No. B8037. Type 2—150-volt maximum for 8 tubes. List Price, $35.00. YOUR PRICE **$20.58**

No. B8038. Type 2A—For 1 to 12 tube sets. 180 volt-maximum. List Price, $42.50. YOUR PRICE **$24.99**

All - American Socket "B" Power

Raytheon type "B" Eliminator has two variable controls regulating the detector and intermediate voltages. For Raytheon "B" or "BH" tubes. Has **detector, intermediate and amplifier taps** with high-low switch. Used with type "B" tube for 5 and 6-tube sets not using power tube. Capacity up to **60 mils** at **135 volts** with "BH" tube for 112 power tube and **35 mils** at **180 volts** for 171 tube. **8½ in. long, 7 in. high, 3 in. wide.** Fits in practically any compartment. **For 110-volt, 50-60-cycle.**

No. B8041. List Price, $27.50. without tube. YOUR PRICE..... **$16.17**

Acme E 1 "B" Eliminator

For 1 to 12 Tube Sets

Furnished complete with Raytheon full wave rectifier tube. Constant, noiseless "B" power direct from the light socket. Acme apparatus known the world over for its efficiency. Has variable controls, detector and intermediate voltages. Will furnish **sufficient voltage and current for operation of 112 and 171 power tubes.** Furnished with high-low switch. **Only 3½ in. wide, 8¼ in. deep, 7¼ in. high. Instantly installed.** A splendid power supply furnishing unlimited power at unvarying voltages without hum or distortion. **For 110-volt, 50-60-cycle A.C. Complete with Raytheon tube.**

No. B8034. List, $50.00. YOUR PRICE **$29.40**

New Type E3B

No. B8034A. List, $35.00. YOUR PRICE..... **$20.58**

Jones Multiplugs

Jones Multiplug affords a modern method of connecting batteries, power units and radio and ground wires to the receiver. Makes possible instantaneous connection or disconnection. Consists of seven wires all color-coded and with markers. Finished with acid-proof lacquer. **Type P.M., for panel mounting.**

No. B2362. With 4-ft. cable. List, $2.25. NET..... **$1.35**

No. B2363. With 8-ft. cable. List, $2.50. NET..... **$1.50**

Type B.M., for base mounting. Wires are soldered to the back of the B.M. socket which is screwed onto the base or sub-panel.

No. B2364. With 4-ft. cable. List, $2.50. NET..... **$1.50**

No. B2365. With 8-ft. cable. List, $2.75. NET..... **$1.65**

Type W. B.

Consists of Multiplug socket mounted on standard switch plate or receptacle cover for use in dealer's demonstration rooms or for permanent home installation where batteries are in basement or wall space.

No. B2366. With 4-ft. cable. List, $1.75. NET..... **$1.05**

No. B2367. With 8-ft. cable. List, $2.75. NET..... **$1.65**

Type B.P. Adaptable to any set now equipped with binding posts. No soldering is necessary. Adapts any set for Multiplug connection.

No. B2368. With 4-ft. cable. List, $2.75. NET..... **$1.65**

No. B2369. With 8-ft. cable. List, $3.00. NET..... **$1.75**

Yaxley Cable Connector Plug

For instant connection of all batteries, aerial and ground to set. Installed right in set. Specially for the kit builder. Mounts on the base panel, sub-panel on back of the cabinet.

No. B2361. List $3.00. NET..... **$1.76**

Extra Tap

Designed to double the capacity of a single Pin-Type receptacle; made of fine, polished composition.

No. B2383. NET..... **14c**

2 and 3 Way Plug

Used for connecting eliminator, "A" power unit, or both, to light circuit and also connect electric lamp to the same socket. Screws into any light socket.

No. B2381. Two-Way Plug. YOUR PRICE..... **20c**

No. B2382. Three-Way Plug. YOUR PRICE..... **46c**

Trio Tap

A three-way pin-type cluster with standard parallel prongs to fit into any flush receptacle.

B2384. NET..... **11c**

Yaxley Automatic Power Control

An automatic relay for controlling the "B" eliminator and charger automatically from the radio switch. Pure silver contacts. Perfect electrical connections. Thoroughly dependable.

No. B2371. Type 444—series type. For sets with current draw equal to 4 199 tubes up to 11 201A tubes. **List, $5.00. NET..... $2.94**

No. B2372. Type 445 — multiple type. No voltage drops. May be used with any set and any number of tubes. **List, $6.00. NET..... $3.53**

Brach Controlit Switch

An automatic relay for "A" power supply and "B" eliminator. Automatically switches "B" eliminator and "A" power supply on or off as the set is switched on or off. Entirely automatic.

No. B2373. R6, for 6-volt sets. **No. B2374.** R4, for 4-volt sets. **List, each, $4.50. YOUR PRICE..... $2.65**

Full Automatic Relay

A standard "AB" relay for use with trickle chargers and "B" eliminator. **Particularly desirable because of its compactness.** Automatically controls charger and "B" eliminator from the set switch. **For sets with 6-volt batteries.**

No. B2375. List $3.50. NET..... **$2.27**

Super Automatic Radio Power Control

A new automatic relay control switch. Controls the battery, the charger and "B" eliminator from the set switch. Automatically turns the charger off and the battery on when set is turned on.

Automatic cut-off permits use of 2-amp. or larger chargers. Automatically cuts charger off when battery is fully charged. **Impossible to overcharge battery. For sets using 6-volt batteries.**

No. B2376. List $7.50. NET..... **$4.69**

Jewell A B Relay

An automatic switch which controls eliminator and trickle charger. **Makes any set fully automatic,** simply switching on the set automatically switches the eliminator on and the charger off. Makes possible remote control of battery, charger and eliminator.

No. B2379. Type 593, for sets using 5 or more 3-volt tubes.

No. B2380. Type 595, for sets using 4 or more 5-volt tubes. **List, $5.00..... $3.19**

Rex Relay

An automatic relay for trickle charger, storage battery and "B" eliminator with receptacle and full instructions for attaching. Automatically starts the battery charger and turns "B" eliminator off when set is not in use and reverses this operation when set is to be used. **This is not a cheap relay, but one that is priced right for positive results.** Just what you will sell in quantities.

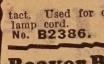
No. B2370. List Price, $3.50. YOUR NET PRICE..... $1.75

Socket Plug

A two-piece socket plug for screw or wall socket outlet. A well made, two-piece socket at a special price.

No. B2385..... 7c

Lamp Cord Connector



For lamp cord extensions. Quickly makes or breaks contact. Used for coupling two lengths of lamp cord.

No. B2386. YOUR PRICE..... 19c

Beaver Battery Cord Plug

Five-contact battery cord plug and socket. Instantaneously connects or disconnects all batteries from receiver. Plug and socket are keyed to prevent improper connection.

No. B2387. A special offer. List price, $1.50. YOUR PRICE..... 45c

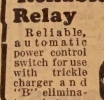
No. B2388. Complete with 5-wire cable. **YOUR PRICE..... 95c**

Extension Cord Set

Has 6 feet of No. 18 twisted pair lamp cord. Brass shell socket on one end, 2-piece separable plug on other end.

No. B2389. Each..... 59c

Mica Fuse Plug



15-amp. quality fuse plug with clear mica window. Replacement fuses in universal demand.

No. B2390. Each..3c

Reliable Automatic Relay

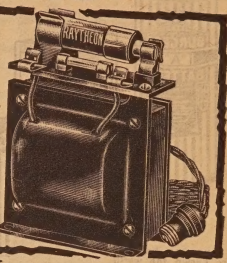
Reliable, automatic power control switch for use with trickle charger and "B" eliminator. Automatically turns on or off either or both, as required. Its use advised with every "B" eliminator.

No. B2377. List $2.00. YOUR PRICE..... $1.19

No. B2378. For sets using 199 tubes..... **$1.48**

DEALER'S SPECIALS ON CHARGERS

Knight 2½ Amp. Dry Charger

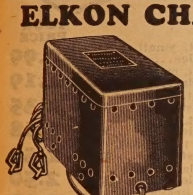


Full rate 2½ amp. charger. Not a trickle charger. Complete with the new Raytheon "A" dry cartridge rectifier. **Simple, fool proof. Quiet. No acids, no bulbs, no moving parts.** Full satisfaction is obtained with this new full rate charger. **Will charge any storage battery to full capacity over night.** Small and compact. Will fit anywhere. Requires no attention. The most popular charger type of the season. **No other full rate charger on the market can be offered at such a low price.** Here is money making opportunity. Chargers are the most important of all radio accessories. Sell in large quantities. A universal need and demand. Profit at this remarkable low price.

No. B8023 — List $12.00
Complete with Raytheon Cartridge Rectifier

Your Price $6.35

ELKON CHARGERS



A full three-ampere charger for radio and automobile batteries. Bone dry. Silent in operation. Requires no attention, no adjustments, no acids, liquids, tubes or moving parts. Delivers a full three-ampere charge tapering to two amperes as the battery reaches full charge. Always ready—never failing.

No. B8026. List, $13.50. YOUR PRICE $7.94

ELKON RECTIFYING UNITS

Replacement dry rectifier units for the Elkon chargers.

No. B8027. Trickle rectifying unit. List, $1.25. NET ..... 74¢

No. B8028. Three-amp. rectifying unit. List, $6.00. NET $3.55

Elkon Trickle Charger

Automatic battery charger, bone dry, no acids, no moving parts. Same description as above.

No. B8055. 50-60-cycle. **Retail Price, $11.50. YOUR PRICE $6.76**

No. B8055A. New Trickle Dry Charger. 6 amp. **Retail Price, $10.00. NET $5.88**

Kuprox Chargers

New revolutionary development in rectifiers. Supplants all types of electrolytic bulb and vibrating electrifiers and chargers. Nothing to adjust, nothing to wear out. Will last indefinitely.

Trickle Chargers

No. B8049. Kuprox Trickle Charger. **Retail Price, $10.50. YOUR PRICE $6.18**

No. B8050. Kuprox Trickle Charger. 110 to 120 volts, 25-40-cycle A.C. **Retail Price, $12.00. YOUR PRICE $7.05**

KUPROX HOMECHARGER

Well known home charger. Will charge at 3-amp. rate. Dry, no hum, with famous Kuprox unit.

No. B8052. 110 to 120 volts, 50-60-cycle. **Retail Price, $18.50. YOUR PRICE $10.88**

No. B8029. Kuprox Homecharger for 25-40-cycle. **Retail Price, $20.00. YOUR PRICE $11.76**

Recharge Your "B" Batteries

Recharge your dry "B" batteries and make them last endlessly with this Trickle "B" Recharger. Full instructions.

No. B8032. 110-120 volts, 50-60-cycle. **Retail Price, $10.00. NET $5.88**

KUPROX Replacement Units

Make any trickle charger or standard charger a dry, bubbless, quiet charger with this unit. Makes bulbs, liquids and acids obsolete. Will double former charging rate. Full rate. Full instructions. Will supplant rectifying unit in all classes of chargers.

No. B8031. Ret'l Price $4.50. YOUR PRICE $2.64

No. B5737. Handy Dry metallic unit for replacing bulbs to screw into socket. **Retail Price, $4.50. YOUR PRICE $2.64**

THORDARSON CHARGER

Battery charger RI75. A radically new battery charger sound in principle, proven in performance. Full 2-ampere rate. Dry. Needs no attention. Uses new Raytheon cartridge rectifier. **Only 2¾ in. wide, 5¾ in. long and 4¼ in. high over all.** It is offered at a popular price. Will bring the average battery to full charge over night. No vibrating parts. Entirely noiseless. The charger will last indefinitely.

No. B8030. List, $12.50, with Raytheon "A" YOUR PRICE $7.35

ACME "A" CHARGER

Acme has developed a new type charger that is far ahead of the usual type. **No acid, no filament, no liquids.** Uses the new Raytheon "A" cartridge rectifier. **The A.C. 6 is a 2½-amp. half-wave charger. A.C. 7 is a full-wave, 5-amp. charger.** Small and compact. Quiet in operation, requires no attention. Attractive in appearance with crackle finished cast base. **Complete, with cord and plug and battery leads with clips.**

No. B8053. A.C. 6 2½-amp. charger with one Raytheon "A" unit. **List, $12.50. YOUR PRICE.. $6.95**

No. B8054. A.C. 7 5-amp. charger with 2 Raytheon "A" units. **List, $18.00. YOUR PRICE $10.49**

RAYTHEON "A"

The Raytheon "A" is a 2½-ampere half-wave rectifier. Two cartridges may be used for full wave rectification delivering 5 amperes. **Its normal life is well over 1000 hours actual operation.**

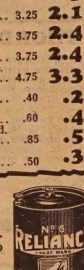
No. B8024. Raytheon "A". List, $4.50. YOUR PRICE $2.65

BURGESS BATTERIES

Burgess batteries are known the world over for their efficiency. Nationally advertised. Unusually long life. These batteries are absolutely dependable. You can rely upon their giving splendid service over months of use. Each battery individually tested. Stocks always fresh.

Stock No.	Factory No.	Type		YOUR PRICE
B5701.	4156	22½-volt, B, small, flat. Size, 3⅜x2x2½.	List.....$1.50	$1.02
B5702.	5156	22½-volt, B, medium, flat. Size, 4⅛x2⅝x2⅝.	List... 1.75	1.19
B5703.	2156	22½-volt, B, large, flat. Size, 6⅝x4x3.	List..... 2.00	1.30
B5704.	5158	22½-volt, B, small, upright. Size, 2½x2¼x6.	List..... 1.75	1.13
B5705.	2158	22½-volt, B large, upright. Size, 4½x3¼x7.	List..... 2.00	1.30
B5706.	5308	45-volt, upright. Size, 2½x4¼x5⅞.	List... 3.25	2.18
B5707.	2306	45-volt, B, large, flat. Size, 7⅞x8⅝x3.	List..... 3.75	2.44
B5708.	2308	45-volt, B, large. Size, 3½x8¼x7.	List..... 3.75	2.45
B5709.	10308	45-volt, heavy duty, upright. Size, 8¼x4¼x7¼.	List... 4.75	3.30
B5710.	5360	4½-volt, C, small, plain. Size, 2⅛x3¼x2⅝.	List.... .40	.26
B5711.	2370	4½-volt, C, large, tapped. Size, 4x3⅝x3.	List..... .60	.41
B5712.	5540	7½-volt, C, medium, tapped. Size, 4x7⅛x2¾.	List..... .85	.58
B5713.	6A	1½-volt, A, dry cell. Size, 2½x6.	List..... .50	.37

Reliance "A" Battery



No. B5714. Our enormous distribution on batteries enables us to buy these in large lots at a saving.

We pass this reduction on to you, **offering high-grade dry cell batteries at a remarkably low price.** Used for dry cell tubes. 1½ volts each, high test. **Stock always fresh.**

List Price, 60c.

YOUR PRICE..... 30c

Belden Fused Battery Cord

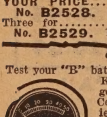
Five-wire color-coded battery cord, 6 ft. long, with fuse. Eliminates fire hazards from crossed wires.

No. B2527. List, $1.50. YOUR PRICE..... 89c

No. B2528. Extra "B" Battery Fuse. Three for.....45c

No. B2529. Extra "A" Battery Fuse. Three for....30c

"B" Battery Meter



Test your "B" batteries with this special "B" battery tester. Know their condition and when they are in good shape. Our special recommendation. Combination also tests 1½-volt "A" batteries. Tests all "B" batteries.

No. B2079. 0-50 volts..... **55c**

No. B2080. Combination volt-ammeter, 0 to 35 amps, and 0 to 50 volts..... **75c**

EVEREADY "B" BATTERIES

Nationally known Eveready batteries. Long life, quiet operation. Quality "B" batteries. **Always fresh stocks.** Eveready No. 767 or No. 772 recommended for sets having less than five tubes. For five-tube sets or larger, Eveready -No. 770, heavy duty, or No. 486 Layerbilt should be used. **Use proper size batteries with your receiver and reduce battery expense 50 per cent.** Much so-called static is actually caused by poor, rundown, noisy "B" batteries. Eliminate noises in your radio receiver by using good batteries having long life and low resistance.

Stock No.	Factory No.	Type		YOUR PRICE
B5715.	763	22½-volt, small, flat.	List Price.....$1.50	$0.99
B5716.	768	22½-volt, medium, flat.	List Price.....$1.75	1.19
B5717.	766	22½-volt, large, flat, tapped.	List Price....$2.00	1.35
B5718.	764	22½-volt, upright.	List Price.....$1.75	1.18
B5719.	767	45-volt, large, flat, tapped.	List Price....$3.75	2.50
B5720.	772	45-volt, large upright.	List Price.....$3.75	2.50
B5721.	770	45-volt, heavy duty, upright.	List Price..$4.75	3.29
B5722.	486	45-volt, heavy duty, "Layerbilt," upright.	List Price.....$5.00	3.45
B5723.	771	1½-volt "C," tapped.	List Price.....60c	.39
B5724.	7111	1½-volt, Dry Cell, "A."	List Price.....50c	.35

Battery Lead Tags

Tags for marking battery wires. In great demand. All battery leads should be properly tagged.

Set of 14, marked Ant., Gnd., A—, A+, B—, B+, B+ Det., B+ Amp., C—, C+, B+ 22V., B+ 45V., B+ 90V., B+1 R.F.

No. B4001. Price, per set..... **7c**

No. B4002. Ten sets.....64c

Jones Cable Lug

Four-foot, five-wire battery cable, **color-coded and rubber-covered.** One terminal of each cord is held in a common container, which is adaptable for baseboard mounting. Tinned ends of the cord protrude from the container for easy soldering. **A perfect battery cable.**

No. B2532. 4-ft. Jones Cabelug. List, 60c. NET..... **35c**

No. B2533. 8-ft. Jones Cabelug. List, 75c. NET..... **43c**

5 and 7 Wire Multicolucord

Each wire color-coded. Makes quick hook - up possible. Code colors prevent mistakes and burning out of tubes. Stripped and soldered.

No. 2530. 5-Wire. Heavily insulated .. **22c**

No. B2531 7-wire **35c**

Knight Heavy Duty "B" Batteries Prices Cut

Manufactured for us by a nationally known manufacturer under contract. Built to the highest standard under the most rigid specifications. High quality. Long life. Quiet. The best "B" battery on the market. Full test voltage. Profit making batteries. Highest quality at lowest prices. Nowhere can you find this quality "B" battery at such low prices. Your opportunity to cash in and make money on accessories. Profit by your battery sales with greater satisfaction. Complete stocks always fresh.

Large Upright 45 volt

The popular battery for all five, six tube and smaller sets. Large cells. Perfectly insulated. Long life. Upright styles take up minimum amount of space.

Tapped at 22 volts. Size 8x 7x3.

No. B5725. YOUR PRICE **$1.59**

Upright 22½ volt

Large cells. Long life battery designed for use where space is limited. Ideal for portable sets and all sets where batteries are self-contained in the cabinet. **Fast moving popular battery.** 4x3x6.

No. B5726. YOUR PRICE..... **82c**

Heavy Duty 45 volt Upright

Designed and recommended for use with multi-tube receivers. Extra long life. **Extra large cells and precision construction means many months additional service.** Should be used with all six tube sets and larger and wherever power tubes are used. Much longer life with power tubes than the smaller sized batteries. Size 8½x4½x7¼.

No. B5727. YOUR PRICE..... **$2.08**

4½ volt "C"

For use in all the modern and all multi-tube sets. "C" battery reduces "B" battery consumption, increasing the length of normal "B" battery life and insuring amplification without distortion. Recommended by all tube manufacturers. **Should always be used with power tubes.** Large cells. Long life.

No. B5728. YOUR PRICE.... **22c**

New Tungar Charger

Latest model Tungar charger, 2 and 5 amperes charging rate. **Equipped with new type Tungar bulbs.** This charger requires no acid and does not cause interference, 110 volt, A. C.

No. B8046. 60 cycles, 5 amp. List Price, $24.00. YOUR PRICE **$15.60**

No. B8047. 60 cycle, 2 amp. List Price, $14.00. YOUR PRICE **9.10**

No. B8048. 25 cycle, 2 amp. List Price, $22.00. YOUR PRICE **14.30**

New Genuine Tungar Bulbs

No. B125. New Type Tungar. 2 Amp. Bulb. List Price, $4.00. YOUR PRICE **$2.76**

No. B126. New type Tungar 5 Amp. bulb. List Price, $8.00. YOUR PRICE **5.50**

No. B127. Tungar Lamp Tube for Trickle Charger. List Price, $4.00. YOUR PRICE..... **2.76**

Tungar Trickle Charger

The new Tungar trickle charger, manufactured by the General Electric Company, will charge 6 or 4-volt batteries at ½ amp. rate.

Requires absolutely no attention. Silent in operation. No acid or water. Will not overcharge. Highly recommended and in popular demand.

Requires less space than any other type trickle charger. For use with low amperage battery, 30 to 60 amp. Used with any 4 or 6-volt storage battery. Has adjustable charging rate.

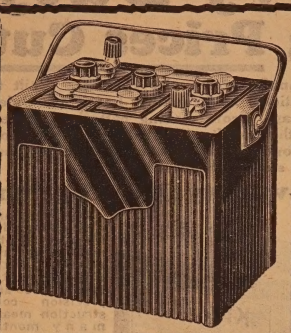
No. B8051. List Price, $10.00 YOUR PRICE..... **$6.44**

Rectifying Bulbs

Rectifying Bulbs for Tungar Rectigon and general bulb type chargers.

No. B122. 1-amp. For trickle chargers.	No. B123. 2-amp. Rectifier.	No. B124. 5-amp. Rectifier.
$2.49	**$2.49**	**$5.25**

Guaranteed STORAGE BATTERIES



HEAVY DUTY—LEAK PROOF 3-Year Guarantee

A high capacity, thick plate, sturdy rubber cased battery. Solid construction. Sealed cells. Correctly rated, at one ampere continuous discharge rate. Shipped crated and fully charged; rigid lead at its grids; genuine Port Oxford cedar insulators. New low prices. All six volt. Shipping weight, 40-75 pounds. .....

No.	Volts	Ampere Cap. at Radio Rates	Your Price
B8601	6	80	$6.50
B8602	6	100	8.44
B8603	6	120	9.00
B8604	6	140	10.35
B8605	6	Thinner plate, special 100 amp., 11 plate	7.15

Beede Test-a-Bat

A new convenient, safe and clean way of testing and checking storage batteries. Mounts directly on any storage battery. Simply press the button and the pointer will indicate if battery needs charging or if charging whether fully charged. Complete with all attachments.

No. B6201. List. $1.75. NET $1.05

Leader Hydrometers

Have accurate reading, beaded floats which are practically unbreakable. Large size is suitable for battery stations, being of special, almost unbreakable construction with rubber shock absorber.

No. B6202. Medium size, excellent value. List, 75c. Net..... 25c

No. B6203. Large size. List, $1.50. NET 45c

Hydrometer Floats

No need to throw away the old hydrometer. Just remove the bulb and insert a new hydrometer float.

No. B6204. List. 25c. NET 17c

Rubber Battery Mat

Set your battery on this mat and avoid any possible chance of injury to rugs or furniture. Takes largest size battery. Acid proof.

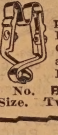
No. B6208. List, $1.00. NET..... 36c

Charge Indicator "A" Battery

Even the most inexperienced radio enthusiast can note at a glance whether his A battery is charged. It shows when the A battery is in need of charging or when it has been charged to capacity. Indispensable to battery service stations in servicing A batteries for their patrons. It is a neater and safer means of determining the condition of the A battery. The charge indicator is practically the same in appearance as the pocket voltmeter or ammeter.

No. B6206. List Price, $1.50. NET 68c

Battery Clips



Non-corrosive. Make positive connections. Easily attached to wire. Clips onto any size storage battery terminal. Lead covered.

No. B6207. Large Size. Two for..... 18c

Connecting Clips

For connecting lead wires to "B" batteries, binding posts on sets, etc.

No. B6209. Neat nickel finish. Dozen .37c

No. B6210. Pee Wee, copper finish. Very small, compact size. Dozen .37c

No. B6211. Lead covered, for storage "B" batteries. Dozen 37c

Universal Glass Case Battery

Medium capacity batteries, especially adaptable for use with trickle charger as power supply. Hook up a trickle charger with a glass case battery permanently and eliminate battery and charging worries. Glass case batteries are acid and leak proof. Easy to determine when batteries need water. Capacity 40 amps., 6 volts for all storage battery tubes. Equipped with Fahnestock connectors.

No. B8606. List Price, $15.00. YOUR PRICE $8.95

Universal Four Volt Storage "A" Battery

Small storage battery for operating dry cell or 199 type tubes. Dispenses with dry cell "A" batteries and their expensive replacement. Especially Adaptable for use with trickle charger as a constant "A" power supply unit. Small 2⅝x3x3½ in. wide by 6½ in. high. 30-amp. hour capacity at ¼ amp. discharge.

No. B8607. List Price, $8.00. YOUR PRICE $4.40

Knight Power Amplifier AND "B" ELIMINATOR

New complete power amplifier for use with any receiver. The deep basses of the pipe organ, the bass viol, bass and trap drums are properly reproduced. Brings out the notes and instruments never before heard with any radio set.

Push Pull Full Wave Power Amplification

Latest design using the new push pull power transformers with 2 171 power tubes and Raytheon BH tube. Delivers a tremendous output which is even greater than the super power 210 tube. Will handle the greatest amplified signal without distorting.

Complete "B" Elimination

Furnishes constant, unfailing, unvarying humless "B" supply to any receiver and complete "A", "B", and "C" voltages to the two 171 tubes. Dispenses with "B" batteries entirely.

No Adjustments—Voltage Regulator Tube

Uses the new voltage regulator glow tube. No adjustments at all are necessary. Voltages remain constant under all conditions regardless of load or line variation. Has detector tap, 90 volt tap and power amplifier tap.

Easily and Quickly Installed

Entirely enclosed in an attractive dark dull satin green finish heavy gauge metal case. May be connected to any set as quickly as a set of "B" batteries. Once plugged into the light socket requires no attention.

Electrical Phonograph Amplifier

May be used with new electrical pick-ups and any phonograph and loud speaker for power reproduction of the new electrically cut records. Amazing beauty of tone quality.

Astounding Low Price

Cash in on the present big demand for power amplifiers. We offer you the latest type with the latest developments that will modernize all receivers. Our low price for this quality amplifier is unequaled.

No. B8071. List, $75.00 without tubes.
YOUR PRICE .....

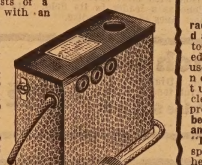
No. B8072. Your net price, complete with one Raytheon BH tube, one Raytheon Voltage Regulator Tube or one CX 374 Voltage Regulator, and two CX371 power tubes.

$34.95

$45.95

Acme Power Amplifier

New Acme Power Amplifier Type PAI. Consists of a single stage of resistance coupled amplification with an impedance leak, a filament lighting transformer and an automatic "C" supply. For use with 112 or 171 power tubes. Can be installed with any radio receiver. Increases volume, improves tone quality. Does not include a "B" eliminator. Supplies its own "A" and "C" voltage from the light socket and it may be used with any battery or eliminator installation. Meets the popular demand for a medium priced power amplifier for simple installation, increased volume, improved tone quality. Automatic "C" supply insures correct "C" voltage for the power tube regardless of the variable "B" supply. 135 to 150 volts recommended for 112 power tube, 115 to 180 volts recommended for 171 power tube.

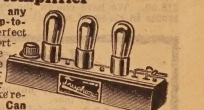


No. B4511. List, $12.50.
YOUR PRICE .....

$7.35 NET

Na-Ald Truphonic Power Amplifier

Brings any radio set up-to-date. Perfect tone, undistorted. May be used with the new power tubes for clear, life-like reproduction. Can be installed in any set and used with "B" batteries or "B" eliminator. Output filter protects speaker from injury when power tubes and heavy current are used. Just the thing for use with the new electrical phonograph pickups.



No. B2120. List, $25.00. NET .....

$14.69

Truphonic Catacomb Assembly

For the set builder. Consists of a standard truphonic power amplifier with a moulded socket panel with six or seven sockets. This enables anyone to build a six or seven-tube radio receiver with the truphonic amplifier. May be adapted to any circuit.

No. B2121. With six sockets. List, $25.00.
NET .....

$14.69

No. B2122. With seven sockets. List, $27.00.
NET .....

$15.88

Paragon Amplifier

New three-stage double impedance coupled amplifier. Perfection of reproduction obtained. Quadruple amplification without overloading, distorting or blasting. Can be installed with any radio set for improved tone quality and power amplification. Furnished with seven-wire cable for instant attachment to any set. Uses Hi-Mu or 201A tubes.

No. B2123. List, $25.50, without tubes.
YOUR PRICE.....

$14.25

Centralab Tone Amplifier

Adds a power stage of amplification to any radio receiving set. Uses new 171 or 112 power tube for improved tone quality and increased volume. Does not include "B" eliminator. Can be used with any set, any eliminator or with dry batteries. Tone filter protects the speaker. Attached to any set without change.

No. B2124. List price $16.00, without tubes...

$9.41

Walbert Penetrola

Add a stage of tuned radio frequency to any receiver. Increase the volume of all signals. Incorporates the Walbert Isofarad Circuit. Comparable to adding two stages of radio frequency. Entirely eliminates reradiation.

No. B4512. List price, complete, $35.00.
YOUR PRICE .....

$22.35

No. B4513. Penetrola essential kit without cabinet. List price, $15.00.
YOUR PRICE .....

$8.89

Sonatron Amplifier

Resistance coupling for tone quality. Added to any old receiver greatly improves tone quality. Easily and quickly connected to any receiver. Equipped with one HI-MU 30, one HI-MU 20 and one HI-MU 6 for storage battery, or one HI-MU 29, one HI-MU 19 and one HI-MU 9 for dry cells. Furnished, complete, ready for operation, including tubes.

No. B2125. With 6-volt tubes.
No. B2126. With 3-volt tubes.
List, $20.00. YOUR PRICE .....

$10.50

Symphonic Free Edge Cone

A $9.50 Retail Value for $3.60

Marvelous Tone Quality

A REMARKABLE new 16-inch free-edge cone speaker. Scientifically designed to cover the lowest and highest frequencies of the musical and audible scale. The new sensitive unit with its oversized heavy magnet responds to the slightest impulse. It will faithfully reproduce the barely audible low frequencies of the pipe organ or the base viol. The sturdy, heavy, adjustable unit will not rattle or chatter at the higher frequencies. It is almost impossible to overload this new unit.

Beautiful Design

The cone diaphragm is made of beautiful alligator leatherette parchment paper. Its coloring and design is attractive and its appearance will harmonize with the settings of the finest furnished home. The braid edge of the cone gives it a rich finishing touch. The metal stand with an artistic leaf design is finished in a soft, harmonious shade to blend with the color scheme of the cone.

Tremendous Volume

The new power unit of the **Symphonic Cone** is built to deliver enormous volume and is adjustable to the volume suitable for any type receiving set and any home.

Remarkable Low Price

The Symphonic Free-Edge Cone is priced to you unbelievably low. Its regular list price is $9.50, but, on a basis of comparison with most speakers, it is well worth $18.00. We have chosen the Symphonic Cone as a leader in its field. Its beauty and its efficiency will sell it on sight for profits in excess of what is possible with most lines of merchandise.

New 20-Inch Cone

Large, superb, free-edge cone speaker. Diameter, 24 inches. Beautifully finished. Wonderful tone quality. Deep, natural tone.

No. 8530. Special Value. List Price $25.00

YOUR SPECIAL PRICE..... $5.95

No. 8529

Retail List $9.50 Your Price $3.45

American Bell Quality HEADPHONES

$1.10

Splendid headphones of laboratory standard. High resistance, super-sensitive. Moulded caps, aluminum and moulded shells. Adjustable. Reproduces with fine tone. A high priced headphone at a remarkable reduction. With 5 foot cord.

B6501—2,000 ohms.
List price.....$3.00
Your Price $1.10

B6502—3,000 ohms.
List price.....$4.00
Your Price $1.39

Frost Phones

No. B6507. 2,000 ohms. **List, $3.00. YOUR PRICE..... $1.76**

No. B6508. 3,000 ohms. **List, $3.50.** Aluminum Shells. **YOUR PRICE. $2.06**

No. B6509. 3,200 ohms. **List Price, $6.00.** Bakelite Shells. **YOUR PRICE.. $3.52**

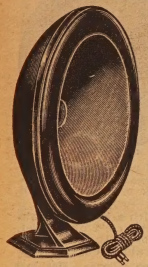
Baldwin Phones

Exceptional quality finely balanced diaphragm mica phones. **Supersensitive.**

No. B6506. List, $9.00. YOUR PRICE... $5.28

$25.00 Acme Speakers $11.95

New Acme Single Free Edge Cone



Faithful reproduction, beautiful graceful appearance. The metal case acts as a sound chamber. Will handle the output of any power amplifier. Attractively finished in green and bronze.

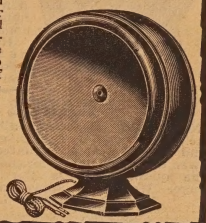
No. B3501. List. $14.50. NET..

$7.95

OVER 50% Discount

Acme Double Free Edge Cone—Prices Slashed

No. B8500. Improved and developed. More popular than ever. Has two full floating 14-in. cones actuated by the marvelous Acme unit built and designed to stand the heavy current of power tubes and power amplifiers.



List $25.00 Your Price

$11.95

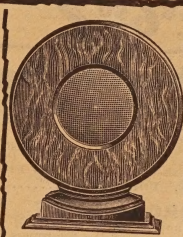
O'Neil Speaker

No. B8508. Stands 18½ in. high and has a diameter of 17½ in. Frame is five-ply laminated wood which serves as a resonator. Artistically finished in jade green with bronze crackle finish and verdigris shading.

List $12.75. YOUR PRICE **$7.50**

O'Neil Jr. Speaker

No. B8502. New 14-inch CONE SPEAKER. Decorated cone. Baffleboard adds depth and timbre. 17 in. high. Retail $8.50. YOUR PRICE..... **$5.00**

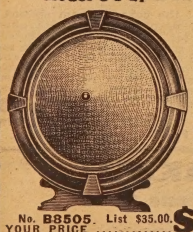


Magnavox Cone Speaker

No. B8509. New Warwick Model. Permits greater power with full "B" current for 112 or 171 power tube without overheating, chatter or harshness at full volume. A striking beautiful burl walnut circle mounted on dark mahogany base with an inner circle backed with beautiful silk grill. Height 18 in., width, 13½ in. Complete with 10 ft. cord. List, $27.50. YOUR PRICE **$16.27**

STEVENS SPEAKERS

Model C T 27



A full 17-inch Burtex conoidal diaphragm. Equipped with the exclusive Stevens armature unit with two-point suspension and specially designed output transformer. Frame finished in hand-rubbed Jasper brown mahogany Burtex diaphragm finished in subdued gold bronze. Height over all, 22½ in. This is the identical model as illustrated. Supplied with elegant picture cord for hanging on wall.

No. B8505. List $35.00. YOUR PRICE **$20.58**

Model B 27

No. B8506. A specially designed 17-inch Burtex diaphragm. Similarly finished and attractively hand rubbed. Stands 21¼ in. high. Similar in appearance to model illustrated. List, $25.00. YOUR PRICE **$14.70**

Model A 27

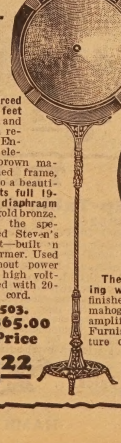
No. B8507. A full 14½-inch Burtex seamless conoidal built on the famous Stevens conoidal principle. List $18.50. YOUR PRICE **$10.88**

The frame and base is similar but not identical in appearance to the type illustrated.

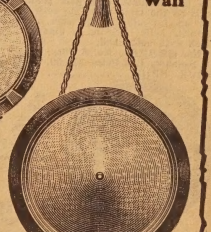
Candelabra Model E T 27

Beautiful pierced standard, 5½ feet high. Graceful and filigreed, with relief designs. Encircled by an elegant Jasper brown mahogany finished frame, hand-rubbed to a beautiful sheen. Its full 19-inch Burtex diaphragm is finished in gold bronze. Actuated by the specially designed Steven's armature unit—built in output transformer. Used with or without power amplifiers of high voltage. Equipped with 20-ft. extension cord.

No. L8503. Retail $65.00 Your Price **$38.22**



Hanging Wall



The Stevens Burtex conoidal hanging wall model, 22 in. in diameter, finished in hand rubbed Jasper brown mahogany. May be used with power amplifier without injury to windings. Furnished with a beautiful silk picture cord with hanging rosette.

No. B8504. List, $45.00. YOUR PRICE **$26.46**

Camco Speakers

Pedestal

No. B8528. A 16-in. cone speaker formed at 30° angle. Beautiful alligator leatherette paper cone. Highly finished, hand rubbed mahogany frame.

New adjustable power unit will take output of most powerful amplifiers without chattering. Enormous volume. Wonderful tone qualities. Mahogany baffle board in rear for adding depth. **List $20.00.**

YOUR PRICE ....

$10.50

New Wall Model

No. B8524. Combination table and wall type cone speaker. A remarkable cone speaker designed to beautify the home and to reproduce accurately with fidelity of tone and full volume.

16-in. diameter cone with a beautiful rubbed mahogany frame with cord and easel. The cone is copper color with gold high lights and has a gold braided edge.

Adjustable unit for any volume. Has back baffle board for full resonant tones and overtones. Complete, with 5-ft. cord and tassel. **List, $16.25.**

YOUR PRICE.....

$8.90

EASEL

No. B8525. Beautiful alligator leatherette paper cone in a high grade mahogany hand rubbed frame, actuated by **adjustable power unit** with large magnet. Beautiful tone quality. Covers the full musical range. Wonderful appearance, sells on sight. **List, $12.50.**

Your Price $6.50

Thorola Speakers

New Cone

No. B8523. The new free edge cone Model 11 is an entirely new Thorola development. 16 in. in diameter. Made of parchment material, gold trimmed, reinforced edge actuated by the new Thorola low pitched unit having a large oversized magnet. Extremely sensitive and reproduces the entire range of musical frequencies. Pedestal and base highly polished and finished in French walnut.

List, $10.00. YOUR PRICE.....

$5.88

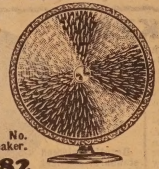
NEW THOROLA HORN

Full rich tones of the whole range of voice and musical instruments are faithfully reproduced. **Enormous volume without blasting or chattering.** Has the new improved Thorola balanced armature unit.

No. 4 has mica diaphragm, **14-in. pure bakelite bell trimmed with gold band. No. 15** is built on the same principle with oversize magnet, special alloy diaphragm, non-adjustable Bakelite bell, **11½ in. in diameter. Brilliant black with gold band.**

No. B8526. No. 4 Thorola Speaker. List Price, $25.00. YOUR PRICE.....

$14.70



No. B8527. No. 15 Thorola Speaker. List Price, $15.00. YOUR PRICE

$8.82

New Thorola Cone Model 18

The back of the cone is drum shaped, protecting the diaphragm and unit acting as a reflector. The front is protected with a ply-wood grill, beautifully finished in antique walnut and backed with a heavy drawn wire screen, cloth covered finished in old gold. Oversized magnet with impedance control condenser matching the speaker to power tubes and designed to withstand high "B" voltages.

No. B8522. List Price, $25.00. YOUR PRICE.....

$14.70

TELETONE SPEAKERS

Tip-Table Cone

No. B8520. The new Teletone Model 70 Tip-Table Speaker serves a double purpose of a wonderful cone speaker and a beautiful piece of furniture. It is a finely finished, hand rubbed, two tone mahogany table, the top of which may be tilted upright. A free-edge Teletone cone speaker to satisfy the most critical. The resonant depth of overtones is accentuated by the sounding board. Reproduction is true and life-like. Adjustable for handling power amplifier output without overloading. **List, $40.00.**

YOUR PRICE....

$23.52

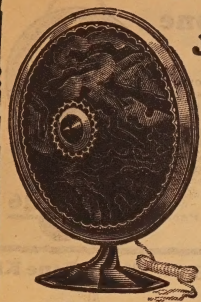
Teletone Cone

No. B8521. The new Teletone Model 68 Speaker is an advanced cone type speaker enclosed in a mahogany grill and sounding board. Gives marvelous life-like production, enhanced by the sounding board which adds depth and timbre to the overtones. Beautifully finished in two-tone African mahogany, hand rubbed. The graceful grill work ends charm wherever it is placed. **List, $25.00.**

YOUR PRICE ..

$14.70

Utah Speakers



Utah Junior Cone

New Utah 13-in. Cone Speaker. Wonderful tone quality covering the full range of musical and audible frequencies. Reproduces the low and high notes with faithfulness and without distortion. Sensitive to the weakest signals. Will handle enormous volume without chattering or rasping. Stands 15 in. high. Attractively finished.

No. B8536. Retail List, $10.00. YOUR PRICE..... $5.88

Utah Drum

The new No. 16 drum speaker. Marvelous tone quality, wonderful appearance. Beautifully finished. Stands 16½ in. high, 14 in. wide. Graceful grill with silk backing. Equipped with famous Utah unit.

No. B8531. Retail List Price, $16.00. YOUR PRICE .. $9.40

New Utah Cone

Beautiful new cone speaker encased in graceful, artistically designed cabinet. Wonderful tone quality, natural reproduction. New unique design. Equipped with famous Utah unit. Height 18 in. Finely finished.

No. B8532. Retail List Price, $30.00. YOUR PRICE $17.64

Utah Standard

Became famous in one year because of its splendid performance. Classed with the finest. The extra large Utah unit in the speaker is responsible for the vivid reproduction of low notes and overtones. Large Standard Model.

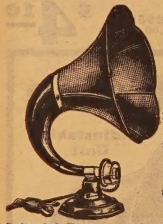
No. B8537. Price, $22.50. YOUR PRICE $13.23

Timmons Cone

New Power Cone Speaker

A new scientific development. The new Timmons principle of eccentric cone with off-center actuating unit reproduces naturally the entire range of frequencies. Is designed for heavy duty for the output of power amplifiers without overloading or distorting. Decorated with graceful ship design. For either table or wall. Size over all, 28x22½.

No. B8540. Retail List, $30.00. YOUR PRICE .. $17.64

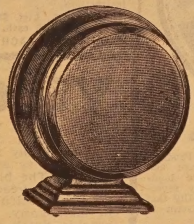


Burns Speakers

The Burns speaker with its concert unit has gained wide popularity. It is a splendid reproducer nationally known and advertised.

No. B8538. With black Pyralin flare. List Price, $22.50 YOUR PRICE $13.23

No. B8539. With mahogany tinted flare. List, $25.00. YOUR PRICE $14.70



Newcombe-Hawley

An entirely new scientific principle of tone reproduction and does not contain a conventional cone or horn, but a new long tone chamber of exponential development. Beautiful in appearance. Attractive bronze finish. Equipped with genuine latest matched Nathaniel Baldwin unit.

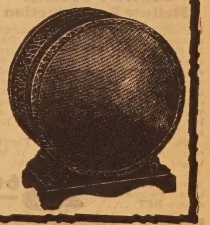
No. B8535. Retail List, $32.00. YOUR PRICE $18.82

Temple Drum

Has an especially designed air column 54 in. long. Acoustically perfect. Furnished with large Baldwin balanced armature type unit which responds to the weakest signal. Covers the full musical scale. Recreates every tone from a whisper to a full symphony orchestra or band faithfully.

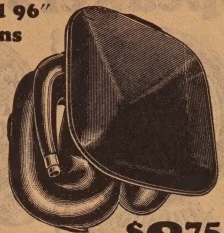
No. B8534. Retail List $29. YOUR PRICE $17.05

No. B8534A. Temple 18 in. Drum. List $48.50. Retail Price..... $28.50



Orthophonic Horns

With 72" and 96" Air Columns



A very graceful, compact, nonvibrating moulded wood tone chamber. Sweet and mellow as a violin. Scientifically constructed to reproduce high and low notes without distortion or vibration. **This is the last word in total reproduction.**

Saves space and fits any Orthophonic cabinet or any wood cabinet designed for it. May be put behind your console and used with any good unit. **See our speaker unit pages.** Shipped in light weight wood box. A wonderful value.

No. B8544. YOUR SPECIAL PRICE..... **$8.75**

ENSCO 3-ft. Cone Kit

Build your own 3 ft. cone speaker. Complete parts for constructing marvelous speaker which faithfully reproduces with enormous volume including Ensco unit, wood brackets and all hardware with instructions. Packed complete.

No. B8555.
List, $11.00.
Your Price $6.46

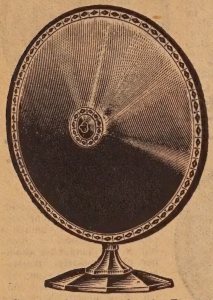
Orthophonic Master Horn

96 Inch Throat

Same as above with full 8 ft.—96 inch—air column. Scientifically designed exponential ortho tone chamber.

No. B8544A.
List, $18.00.
YOUR PRICE.. $10.58

Western Electric Cone Speaker



Genuine Western Electric Product. Incomparable quality. Known and conceded as the ultimate of loudspeaker development. Vividly reproduces with perfection and fidelity that the world's greatest artists seem to perform in your own home.

Superior Speaker Mellow Reproduction

Proof of the wonderful performance of the Western Electric cone is found in the perfect rendition of the crescendo, of the symphony, and the fine shading of the overtones of the violin and bass viol. These shadings and overtones really are the factors that distinguish good music from the more mediocre type and usually they are hopelessly lost in the average loud speaker.

No. B8901. Western Electric cone type 540-AW. Diameter, 18 in.; height, 21 in. Shipping weight, 10 lbs. Beautiful bronze base with bronze colored cone. **NET $25.60**

New PENN Cone Speaker Kits

3 Foot Double Cone. Easy to build by anyone. Wonderful tone quality, enormous volume. Complete with four pole sensitive unit, metallic braid, mounting bracket, hardware, cement and instructions. **Easy to build.**

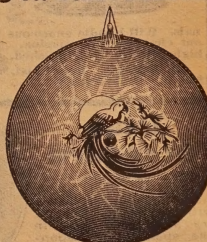
No. B8553. List, $13.50. Lots of 3, $7.94. each.
YOUR PRICE, EACH.... $8.22

PENN SINGLE CONE

3 Foot Cone. Includes decorated and marked cone paper, four pole Penn unit, cross arms, Apexes, all hardware and instructions.

No. B8554. List, $10.50. Lots of 3, $6.18 each.
YOUR PRICE, EACH $6.70

3-ft. Giant Cone Kit



Anyone can build this high quality 36 in. hanging wall model cone speaker. Each kit contains adjustable power speaker unit, parchment cone paper, gold wall cord and ornamental cut out design. **Complete simple instructions for building.**

No. B8556.
List, $9.00.
NET $4.10

Victor DeLuxe

This new Victor De Luxe model reproduces high and low notes with equal clarity and no distortion. **The biggest bargain of the year.**

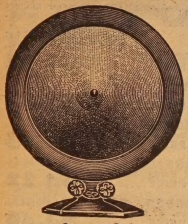
It is beautifully finished in mahogany. Die cast crackle finish throat and high finish mahogany bell. Complete with adjustable unit and 5 ft. cord.

List Price $12.50
B8560
YOUR SPECIAL PRICE
$5.65

B8561—
Extra Large Model
List Price $20
YOUR PRICE $6.75

Latest Amplion Speakers at 50% Reduction

Amplion Lion Cone



For quality reproduction the new Amplion cone employs a new principle in cone construction. It combines a 14-inch cone mounted on an 18-inch sound board extended toward the center at the back of the cone to form a resonating chamber. The new MA1 unit, cone and sound board are assembled on a rigid bronze bracket with a bronze base. The sound board is finished in dark walnut.

No. B8515.
Model A. C. 20.
List $25.00
YOUR PRICE
$12.75

Amplion Cone Cabinets

Cabinet Cone

Amplion is known the world over as the standard of fine loud speakers. Faithfully reproduces the musical scale in full, resonant tone. Both speakers are encased in rich, polished, hand rubbed two-tone mahogany cabinets. The cone speaker is a marvelous reproducer. The Patrician cabinet has a 4-ft. air column equipped with the wonderful Amplion adjustable unit.

No. B8513. Cabinet Cone. List, $35.00.
YOUR PRICE
$17.50

Patrician

No. B8514. Patrician. List, $50.00.
YOUR PRICE
$24.90

$22.50

New Model Pacent Cone

$11.90

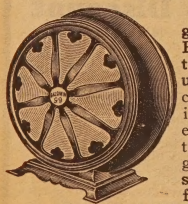
New Pacent Cone

Wonderful tone quality. Double parchment cone of the fixed edge type with driving unit within the cone. **Reproduction is natural and faithful without hollowness and will handle output of power amplifiers without rasp or chatter.** Well finished metal base. Diameter, 17 in.

No. B8518.
Retail $22.50
YOUR PRICE
$11.90

New Amplion 28 Inch Cone
No. B8515A
List $20.00
YOUR PRICE
$11.76

Baldwin 99 Drum



Equipped with new genuine Nathaniel Baldwin balanced armature mica diaphragm unit. Long spiral tone chamber of non-vibrating composition. All enclosed by an attractive metal casing with graceful front grill. The speaker is tested at the factory with a 210 power tube at 400 volts. It gives clear volume without rattling, chattering or blasting.

No. B8511
Retail List $28.50
YOUR PRICE
$16.76

Baldwin Concert

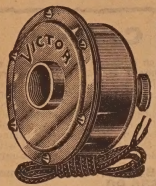
The largest Baldwin speaker. Equipped with latest design Baldwin Unit. Formerly $35.00 list. It is nationally known for its efficiency, volume and perfect reproduction. A tremendous sales offer.

List Price $22.50

No. B8512
Your Price
$13.23

Loud Speaker Units

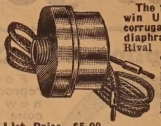
Victor Adjustable Unit



The Victor unit has been manufactured for quality speakers. We offer it at a remarkably low price. The price, however, does not indicate its value, and it can be sold at a substantial profit. The adjustable feature permits variation for tone clarity. The unit is very sensitive and will deliver full volume without distortion.

No. 6515. List Price, $6.00. Your Special Price **$1.59**

Baldwin Units



The famous Baldwin Unit with the corrugated balanced diaphragm. New Rival Model with extra large diaphragm, large magnet and coil windings. **No. B6516 Type C Unit.**
List Price, $5.00.
YOUR PRICE..... **$2.94**

No. B6517. Type H-2, completely shielded. List Price, $6.50.
YOUR PRICE..... **$3.82**

No. B6518. Type H-1, unshielded. List Price, $6.00.
YOUR PRICE..... **$3.53**

No. B6519. Rival Model, unshielded. List Price, $7.00.
YOUR PRICE..... **$4.12**

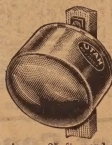
No. B6520. Rival Model, shielded. List Price, $7.50.
YOUR PRICE..... **$4.40**

Utah Unit

The same extra large unit as used in the renowned Utah speaker. Corrugated diaphragm. Reproduces the entire scale with fidelity and volume. Furnished with base, as illustrated.

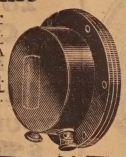
No. B6522.
List Price, $10.00.
YOUR PRICE.....
$5.88

Utah Piano Unit



No. B6530. Makes a radio reproducer of any piano. Uses the full musical resonance of the sounding board of the piano to achieve the most marvelous orthophonic tone quality radio has ever known. Simply screw on to sounding board of any piano. 25-ft. cord included.
List Price $10.00.
NET **$5.88**

Burns Adjustable Unit

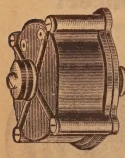


No. B6521. Adjustable for volume and clarity. Standard and nationally known. A special price offer.
List Price, $10.00.
YOUR SPECIAL PRICE .....
$5.88

New Thorola Unit

No. B6523. An entirely new development. Oversize magnet, balanced armature type non-adjustable unit. Ideal for phonograph adaptment. Sensitive to the weakest signals. Rugged. Will handle full volume tone without blasting or chattering.
List Price, $6.00.
YOUR PRICE..... **$3.49**

Amplion Concert Unit



No. B6524. New reproducing unit encased in bakelite—the finest of its type. Extraordinary volume without necessity of power amplifier. Covers the complete musical range. Ideal for phonograph installation. Has adjustment nut. Furnished complete with cord.
List Price, $12.00.
NET **$6.55**

Ekko Adapters

Ekko Adapters adapt loud speaker units to any type phonograph.

No. B6503. Ekko No. 1 for Edison phonograph. NET..... **17c**

No. B6504. Ekko No. 3, for Columbia, Pathe, and Jewell style tone arms.
NET **14c**

No. B6505. Ekko No. 4, for Brunswick phonograph. NET..... **20c**

Phone Speaker Cord

Flexible speaker cord of high quality. Adaptable to any standard speaker or unit.

No. B6527. 5 ft.—Straight tips—Single. List, 35c. NET.. **19c**

No. B6528. 5 ft.—Straight tips—Double. List, 50c. NET. **30c**

Rubber Adapter

Two-inch flexible rubber tube. The rubber adapter will connect unit to any type phonograph.
No. B6526. ..... **5c**

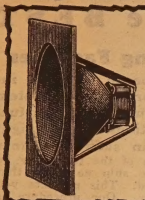
Amplion Dragon

50% Discount

The world's standard. Conceded the finest of all loud speakers. Finer tone quality is not obtainable from any speaker. Heavy metal throat crackle finish. Tremendous volume. Beautiful mahogany finished panel flare, 20½ in. high, 14½ in. diameter. Conduit and Unit crystalline-enameled. Famous "Dragon-shaped" sound conduit. Hinged base permits tilting horn to any angle.

No. B8516. Type AR19.
List Price $42.50
YOUR PRICE **$21.25**

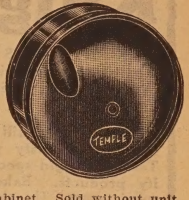
Amplion Cone Speaker



This is a wonderful console cone speaker. **Full floating with metal supporting frame with brackets for mounting inside of console or cabinet.** A $25.00 value. **Unconditionally guaranteed.** Reproduces high and low notes alike. A tremendous value. We feature this tremendous value and offer it to you ready to mount in your console with no additional expense. This unit uses the pin-type stylus. May also be attached to the wall or any wood cabinet. Formerly retailed for $42.00.

No. B8541. List Price, $30.00.
YOUR NET PRICE..... $5.25

Temple Drum



This is the Temple Drum Speaker. Not of the cone type, but with an air column designed so that it will reproduce music for true music lovers with a purity of tone, a murmur of bass notes and a mellow beauty over the entire scale. **Fifty-four-inch air column; diameter, 11½ in.; depth, 7½ in.**

It may be enclosed in any console or cabinet. Sold without unit, but with aperture so that any unit can be adapted. **See our speaker unit pages.**

No. B8542. List Price, $14.00.
YOUR NET PRICE..... $8.23

Temple Comparator

For the dealer who wants to compare speakers, this unit will permit the quick switching from one speaker to another without the loss of a single note. **Seven speakers may be attached at once and compared.** A wonderful seller.

No. B1178. Retail, $3.50.
YOUR PRICE..... $2.06

Orthophonic Master Horn

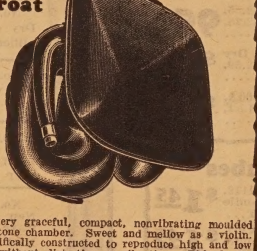
96-Inch Throat

Same as at right with full 8-ft. —96-inch—air column. Scientifically designed exponential ortho tone chamber.

No. B8544A. List, $18.00.
YOUR PRICE.... $10.50

Orthophonic Horn

72-Inch Throat



A very graceful, compact, nonvibrating moulded wood tone chamber. Sweet and mellow as a violin. Scientifically constructed to reproduce high and low notes without distortion or vibration. **This is the last word in total reproduction.**

Saves space and fits any Orthophonic cabinet or any wood cabinet designed for it. May be put behind your console and used with any good unit. **See our speaker unit pages.** Shipped in light weight wood box. A wonderful value.

No. B8544. YOUR SPECIAL PRICE..... $7.70

Hi Boy Horn Speaker

This horn is made of impregnated fabric and hardened and is vibrationless and acoustically correct. Very light in weight and non-porous.

This is the famous HI Boy type 105. May be installed in any console or cabinet and may be used with any good unit. Very compact. **Bell 12x6¾ in. Depth, 5½ in.**

No. B8543. YOUR PRICE; EACH..... $2.25

The Console Speaker

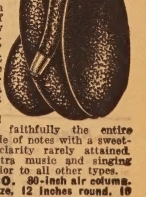
Temple Console Speaker

Beautifully finished in walnut, Spanish design, containing a large tone chamber and 18-in. drum, and priced right. Many will prefer this wonderful value in a speaker console. Lovers of music dream of the effects that this long air column type speaker can give them in results, particularly on organ music or especially low or high notes are appreciated.

No. B8545. List, $65.00. YOUR PRICE $38.22

Superphonic Horn

Type A. S.



This horn is designed to give the tonal reproduction qualities of the new "orthophonic" type. It can be used either with a radio set or phonograph and reproduces faithfully the entire audible scale of notes with a sweetness and clarity rarely attained. For orchestra music and singing it is superior to all other types.

3B2150. 80-inch air column. Over all size, 12 inches round, 19 inches deep. EACH $6.95

3B2151. 84-inch air column. Over all size, 14 inches round, 19 inches deep. EACH $7.95

Knight Tubes Better Than the BEST

KNIGHT TUBES selected by us for their superiority. Standard of perfection. They are nationally known.

Knight tubes will satisfy you and they will satisfy your customers. Tested to rigid specifications. Quality products. Bakelite bases with milled prongs. The plate, grid and filament elements are doubly supported. Non-microphonic. Will stand up better than the best on the market.

Our Testing Facilities

At great expense we have installed and incorporated a system of testing all tubes under actual operating conditions. Each Knight tube is tested in such a manner that the full worth of the tube may be predetermined. We ship no tubes that are not fully tested. This protects you and your customer. Our procedure is costly but it enables you to handle a complete line of tubes with the full assurance of satisfaction.

A Quality Tube Insures Better Reception

No. B226. TYPE X301A Amplifier and Detector. List, $1.50. NET.. **75c**

No. B227. V199. List, $2.25. No. B228. X199. List, $2.25. NET **95c**

No. B229. TYPE X120. Dry Cell Power Tube. List, $2.50. NET **$1.10**

No. B230. TYPE X200A. New sensitive detector. List, $4.00 NET **$1.65**

No. B234. TYPE X240. New Hi-Mu tube. List, $2.00. NET **95c**

No. B235. TYPE X12. Dry cell detector and amplifier. List, $2.50. NET... **$1.05**

No. B236. TYPE X213. Full wave filament rectifier. List, $5.00. NET..... **$2.40**

No. B237. TYPE X216B. High voltage half wave filament rectifier. List $7.50. NET **$3.75**

No. B238. TYPE X281. New high voltage half wave rectifier. List $9.50. NET **$4.50**

No. B239. TYPE X280. New full wave rectifier. List, $5.50. NET..... **$2.60**

Power Tubes

No. B231. TYPE X112. Semi-Power tube for audio amplifier. List, $3.50. NET... **$1.45**

No. B232. TYPE X171. Power tube for last audio stage only. List, $3.50. NET.. **$1.45**

No. B233. TYPE X210. Super-power amplifier. List, $9.00. NET **$3.95**

Lots of 50 Assorted Tubes—10% Additional Discount

Emerson Multivalve
Three Tubes in One

Specified for the famous Lodge N circuit. Has one filament, three grids and three plates. It may be used in any standard socket, the extra connections being made on the binding posts provided on the tube base. Complete diagrams and instructions included with each tube. Plate voltage 45-135 volts. Filament 5v. ¼ amp.
No. B241 List, $6.50 NET **$3.82**

UX Adapter

Adapts UX199 tubes to all standard and universal sockets. Genuine moulded bakelite. Perfect contact. A necessity. Special price.
No. B2325. List Price, 25c. YOUR SPECIAL PRICE **15c**

New McCullough AC Tubes

For new A.C. operated sets. Requires no storage battery or dry cells for filament lighting. Operates directly from the house lighting current through a step down transformer. Quiet operation. No hum. Non-microphonic. Better tone quality. No burnout. Extremely rugged with long life.
No. B242. List, $5.00. YOUR PRICE **$3.43**
No. B243. McCullough AC Power Tube. List, $7.50. YOUR PRICE..... **$5.15**

New Sovereign AC Tubes

Requires no "A" batteries for filament operation. Heater type. Operates direct from the house lighting current through a step down transformer. May be used to convert any radio receiver to an A.C. operated set. Long life.
No. B245. AC Tube. List $5.00. YOUR PRICE..... **$3.19**
No. B246. AC Power Tube for last audio stage. List, $6.00. YOUR PRICE..... **$3.81**

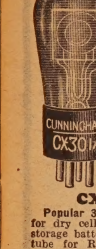
Q. R. S. 400 Mil. Rectifier

New full wave gaseous rectifier with ionizer. Specified for the new ABC packs. With proper apparatus will supply complete A B and C voltages for any sets using 201A tubes with series wired filaments. See our Kit pages.
No. B244. List, $7.00. YOUR PRICE **$4.12**

Quietron Tube Cap

A metal cap that will fit all standard or X-201A, 200 and 112 type tubes. Reduces howling caused by vibration. Effectively muffles tube vibration.
B2326. YOUR PRICE **33c**

Reduced Prices on RCA and Cunningham Tubes



CX301A—UX201A

Amplifier and Detector. A general purpose tube. 5 volt, ¼ amp. Used as R.F., audio amplifier or detector with storage battery and 20-30 ohm rheostat. **Fits all standard sockets.** 32-41 volt detector, 67½-90 volt amplifier.

No. B101. List $1.50. NET **$1.03**

C299—UV199

CX299—UX199

Popular 3 volt Detector and Amplifier for dry cell operation and small 4 volt storage batteries. A general utility unit tube for R.F., A.F. amplification and detector. Used in many superhets, multi-tube and portable sets. 30 ohm rheostat required. **C299 or UX will fit X type sockets only. UV or C fit small 199 sockets only.** Filament voltage 3 volts, .06 amp. Plate 45-90 volts.

No. B103. C299 or UV-199. List $2.25. NET **$1.54**

No. B104. CX299 or UX-199. List $2.25. NET **$1.54**

CX340—UX240

New R.C.A. and Cunningham Hi-Mu Tube for resistance coupled and impedance coupled amplifier. Only used in first and second stages of resistance or impedance coupled amp. where high amplification tubes are necessary. Followed by a power tube of the CX-112 or CX371 type. Draws .25 amp. at 5 v. 6 v. storage battery source with 20-30 ohm rheostat. Plate max. 180 v. "C" 1½ v. **Fits standard and UX sockets.**

No. B111. List $2.00. NET ... **$1.37**

CX380—UX280

New Full Wave Rectifier with high voltage and current output. Maximum D.C. output of 125 milliamps.—A.C. plate max. 300 v. Filament 5 v. A.C. Filament 2 amp. **Standard UX base.**

No. B116. List $5.00. NET **$3.43**

CX300A—UX200A

New Sensitive Detector. 5 volt ¼ amp. New gas content detector is extremely sensitive to weak or distant signals. In popular demand. Substitute for 201A detector in any set, greatly increasing range and sensitivity. 30-50 ohm rheostat off 6 volt battery. Plate 45 volts.

No. B102. List $4.00. NET **$2.74**

C376

An A.C. Ballast Tube to regulate input voltage across the primary of "B" eliminator transformers with special equipment designed for it. Will hold the primary voltages constant regardless of variations in the A.C. house lighting circuit. C376 requires mogul socket.

No. B119. List $5.50. NET **$4.46**

The New A. C. Tubes

The recently announced R.C.A. and Cunningham new A.C. Tubes for operation direct from the alternating current light line through a step down transformer. These tubes can not be substituted in the average radio receiver. A. C. tubes can be used only in circuits designed for them. No batteries are required. Filaments are heated directly from the A.C. home lighting system through a special transformer. Kits and sets designed and equipped for the new A.C. tubes are listed on other pages of this catalog.

CX326—UX226

A.C. Amplifier. For R.F. and A.F. amplification stages in circuit designed for A.C. operation. 1½ v. A.C. filament drawing 1.05 amp. CX326 not recommended as detector but used in multi stages of R.F. and A.F. amplification. **Fits standard and UX sockets.** D.C. plate. 90-180 v. max.

No. B112. List $3.00. NET ... **$2.05**

CX327—UY227

A.C. Detector and Amplifier. An A.C. heater type with a cathode—a metal thimble coated with active material and activated through a separate internal heating element. Draws 1.75 amp. at 2½ v. A.C. CY227 intended as detector tube in combination with CX326. May also be used for R.F. amplification though not generally recommended. Has a special five prong base and requires a special socket. D.C. plate 45-90 v.

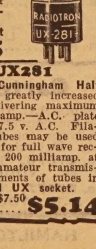
No. B113. List, $6.00. NET **$4.12**

CX322—UX222

Shielded Grid Type

The new 4 element non-oscillating tubes. For use in new RF and Super circuits. Has amplification factor of 250. Filament voltage 3.3. Filament current .125.

No. B250. List $6.50. NET **$4.46**



CX313—UX213

Full Wave Filament Rectifier for "B" Eliminators. Output of 65 milliamp. at a max. of 220 v. D.C. Used in many standard "B" eliminators, will supply voltage and current output to operate average multi-tube set with semi-power tube. **Fits standard UX sockets.**

No. B114. List $5.00. NET ... **$3.43**

CX316B—UX216B

Half Wave Filament Rectifier. Used in standard power packs and power amplifiers to supply high voltage for CX310 tube. Output of 65 milliamp. at max. of 550 v. A.C. A long life tube for power amplifiers. **Fits standard UX sockets.**

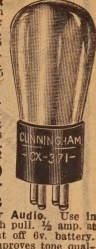
No. B115. List $7.50. NET ... **$5.15**

CX381—UX281

New R.C.A. and Cunningham Half Wave Rectifier. Has greatly increased output over 216B delivering maximum current of 110 milliamp.—A.C. plate max. 750 v. Filament 7.5 v. A.C. Filament 1.25 amp. 2 tubes may be used with proper equipment for full wave rectification for output of 200 milliamp. at 650 v.—sufficient for amateur transmission or energizing filaments of tubes in series. **Fits standard UX socket.**

No. B117. List $7.50 NET **$5.14**

CX371—UX171



Power Tubes for Last Audio Only. Also in stage of push pull for enormous power output. ½ amp. at 5 v. 10-15 ohm rheostat off 6v. battery. Plate 90 v. 180 v. "C" ... 16.5-40.5 v. Will handle enormous input without distorting. Great power output with low impedance matching most loud speakers. **Fits stand. and UX sockets.**

No. B108. List $3.50. NET ... **$2.40**

CX112—UX112

Semi-Power Tube for Audio. Use in last stage or two in push pull. ½ amp. at 5 v. 10-15 ohm rheostat off 6v. battery. Its use in the audio improves tone quality and increases volume. 90 v. 157.5 v. plate. Generally 135 v. is ideal. C v. 7.5-10.5. **Fits standard and UX sockets.**

No. B107. List $3.50. NET ... **$2.40**

CX310—UX210

Super Power Amplifier. Power output exceeding 100 times the output of CX-301A can be obtained. Efficient operation requires plate 425-550 v. May be used with plate voltages of 135 v. for "B" battery operation. Operated from 6 v. storage battery without rheostat or 7.5 A.C. source. "C" 9-35 v. With high voltage use with output transformer or impedance to protect loud speaker. For new popular power amplifiers. **Fits all standard or UX sockets.**

No. B109. List $9.00. NET ... **$6.18**

CX220—UX120

Dry Cell Power Tube. A 3 v. power tube for last audio stage in dry cell sets. Max. plate 120 v.—"C" 22½ v. Draws .125 amp. at 3 v. Operates from 4½ v. dry cell series or 4 v. battery with 20 ohm rheostat. This power tube increases volume and improves tone quality without distorting. For superhets and other multi-tube dry cell sets. **Fits only UX sockets.**

No. B110. List $2.50 NET ... **$1.71**

WD11—C11—C12—CX12

Efficient Detector and Amplifier. Uses 1.1 volt and .25 amp. Operates with single 1½ volt dry cell with 10-20 ohm rheostat. Plate voltage 22½-45 volt detector. 45-90 amplifier.

No. B105. C12, CX12 all standard or UX sockets. List $2.50. NET ... **$1.71**

No. B106. WD11, C11 special type sockets. List $2.50. NET ... **$1.71**

CX374—UX874

Voltage Regulator Tube. This tube is a D.C. ballast holding the output of "B" eliminators constant regardless of load or variations in circuits. Whether an eliminator is used with 1 or 8 tubes—output is maintained at proper voltage. No variable adjustments of eliminator necessary. Used in all popular power amplifiers and power packs in combination with rectifying tubes CX313, 316B, 380 and 381 and with non-filament rectifiers.

No. B118. List $1.75. NET ... **$3.26**

C377

Protective Tube. Eliminates the possibility of accidental burning out of tubes due to short circuit. **Special double contact bayonet base.**

No. B120. List $1.75. NET ... **$1.20**

NUTONE Tested Tubes

Economy Long Life Tubes

At the lowest price we offer the greatest radio value. First quality, first grade standard tested tubes at the lowest price ever before offered.

We recommend the use of Nutone tubes in any and all radio sets. The low price of these tubes in no way indicates their value. They may be used in the highest priced radio receivers for new tone—increased volume and greater power and sensitivity. Nutone tubes are worth every bit of $1.50. They are highest grade, tested to highest standards and laboratory approved. Latest type construction. Elements firmly and ruggedly supported. Non-microphonic. Genuine thoreated Tungsten filaments properly aged. May be reactivated. Excellent detector and amplifier. Used in all stages of radio receivers. Genuine molded bakelite base and tipless construction. Filament operates at 5 volts, ¼ ampere. Plate voltage 20 to 135.

Laboratory Tested—Type 201A

Each and every Nutone tube is tested in our own laboratories before we send them to you. The tubes are tested under the most rigid conditions. We test them not only for oscillation, filament and plate current and amplification current but also for plate impedance and mutual conductance. All tubes are tested under actual operating conditions. As our laboratory standards require that all tubes test within definite limits you may be assured that all tubes are uniform and may even be used as matched tubes in superheterodyne circuits.

Type 201A Tubes—A Tremendous Value
Type 201A—No. B7070—List $1.50
YOUR SPECIAL NET WHOLESALE PRICE.... 49c

Continental Standard Radio Tubes

Superior for DX Reception

Continental tubes are a laboratory product—carefully made and have passed every conceivable test.

A standard quality radio tube superior to many and equal to the very best at a price lower than ever before offered for standard, nationally known advertised tubes. Continental tubes are genuine first quality tested tubes. A quality product. Not to be confused with cheap tubes which are often factory seconds or rejects.

Fully Tested

Each and every tube is individually tested and must meet rigid requirements. Non-microphonic. Genuine thoreated Tungsten filaments. May be reactivated or rejuvenated. UX type prongs—tipless construction. Genuine molded bakelite base.

LOWEST WHOLESALE PRICES

No.	Type	List	YOUR PRICE
B7062	201A	$1.00	59c
B7063	199	1.25	74c

No.	Type	List	YOUR PRICE
B7064	200A	$2.50	$1.39
B7065	171		
B7066	112		

Shieldplate Tube

New Shielded Grid Amplifier

Non-Oscillating

Non-Critical

A revolutionary development in vacuum tubes. Primarily designed for use as a radio frequency amplifier. Has amplification factor of 175. This is enormous in comparison to the 201A which has an amplification factor of only 6 to 8. Non-oscillating when used in shielded circuits. Filament voltage 3.3. Filament current .133. Plate 90 to 135.

No. B7075. List $8.50. YOUR PRICE **$3.82**

New Daven A. C. Tubes

Latest scientifically designed A.C. tubes. A.C. tubes for every purpose. Special A.C. R.F. tubes, audio tubes and A.C. amplifier. Long life. Quiet, noiseless, satisfactory operation.

No. B7071. Type A.C.-1 Radio Frequency Amplifier for use in all R.F. circuits and in first audio stage. List $5.00. YOUR PRICE..... **$3.50**

No. B7072. Type A.C.-15 Special Audio Amplifier designed for use where resistance or impedance coupling is used. May also be used with transformer coupling. Amplification constant 15. List $6.00. YOUR PRICE..... **$4.20**

No. B7073. Type A.C. D.-1 Special Detector. List $6.00. YOUR PRICE..... **$4.55**

No. B7074. Type A.C. 10. Super Power Tube. Operates on 400 volts "B". For use in last audio stage. List $10.00. YOUR PRICE..... **$7.00**

New Sonatron A. C. Tubes

Latest standard A.C. tubes for all A.C. circuits. A.C. filament type amplifier and A.C. heater type detector.

Type 226 amplifier for radio frequency or audio frequency amplification. Filament voltage 1½ volts. Filament current 1.05 amperes. Plate voltage 90 to 180 volts.

No. B7067. List $3.00. YOUR PRICE **$1.50**

Type 227 detector. A.C. heater type five prong detector. Designed for use with 226 type amplifier tubes. Careful construction. Quiet in operation. Heater voltage 2½. Heater current 1¾ amperes. Plate voltage 45 to 90 volts.

B7068. List $6.00. YOUR PRICE **$3.00**

Carter A. C. Adapters

Adapts A.C. tubes to all standard sets. Makes possible the conversion of battery sets to A.C. operation. Two types for four prong 226 amplifiers and for five prong 227 heater detector.

No. B7076. Type 26 for UX226. List, 90c. YOUR PRICE..... **53c**

No. B7077. Type 27 for five prong UX227. List, $1.10. YOUR PRICE..... **64c**

HYLON TUBES—THE PROFIT MAKER

Wonderful tube value. High quality tubes of all the popular types built up to a standard. Manufactured under contract for us and tested under conditions that warrant your receiving a tube worth a great deal more than the price we ask. Highest quality offered at a low price for your profit. Has ruggedly supported elements, genuine thoriated filament—may be rejuvenated. Molded bakelite base. Non-microphonic. The best of materials used and built with precision and care.

LOW PRICE—LONG PROFIT

Sell tubes that net you a substantial profit. Take advantage of your servicing calls by profiting by the sales that you make. Your money-making opportunity.

No. B200. X201A. PRICE, EACH **Standard detector and amplifier. List, $1.50.** YOUR SPECIAL **65c**

No. B201. X199. Dry cell detector and amplifier. List, $2.25. **75c**

No. B202. X200A. Supersensitive detector. List, $4.00. **$1.40**

No. B203. X112. PRICE, EACH **Power tube. List, $3.50.** YOUR SPECIAL **$1.27**

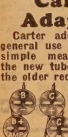
No. B204. X171 **Power amplifier. List, $3.50.** **$1.27**

Lots of 50 assorted tubes additional 10% discount

What Users Say Gentlemen: I own and operate Radio Station 9BKI at Maxwell, Iowa. Some time ago I bought a Hylon X201-A tube and I have used it on the average of 4 hours a day ever since. The tube is overloaded all the time and from 8 to 10 volts A.C. is used on the filament. I have worked both coasts in daytime so you can see yourself that these tubes are super quality. I have been telling my friends about your tubes and they said that they would have me send for their tubes after this." HOWARD H. TROUP, Maxwell, Iowa.

Carter Adapters

Carter adapters are in general use and provide a simple means for using the new tubes in many of the older receivers. . .



No. B2320. TYPE 3A ADAPTER—for adapting UX and CX type tubes for W.D. 11 sockets. List, 50c. YOUR PRICE..... **30c**

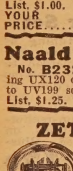
No. B2321. TYPE UX2—for adapting UX-199, UV201A or any UX tube to old style UV199 type socket. List, 75c. YOUR PRICE **45c**

No. B2322. TYPE 171—for adapting UX112 or UX171 power tubes to old type 201A or navy type base. Furnished with leads to provide additional B and C voltage to power tubes without altering the wiring of the set in any way. List, $1.00. YOUR PRICE..... **59c**

Naald Connecterald

No. B2323. TYPE 920—for adapting UX120 or any X type tube to UV199 socket. List, $1.25. YOUR PRICE... **75c**

ZETKA TUBES



Clear glass tubes evacuated by new process. Eliminates tube noises and microphonic disturbances. Longer life, clearer reception. Oxide filament.

No. B208. ZP201A. Fil. voltage, 5; current, ¼ amp. Plate, 45-90 volt. List, $2.50. NET..... **$1.47**

No. B209. Z200A. Supersensitive detector. Fil. voltage, 5; current, ½ amp. Plate, 45 volt. List, $4.00. NET..... **$2.36**

No. B210. Z112. Power amplifier. Fil. voltage, 5; current, ½ amp. Plate, 90-157.5 volt. List $4.50. NET..... **$2.65**

No. B211. Z171. Power tube. Fil. voltage, 5; current, ½ amp. Plate, 90-180 volt. List Price, $4.50. NET... **$2.65**

NEW RAYTHEON TUBES

Designed for "B" battery elimination and used in practically all standard "B" eliminators. Type "B" has a maximum output of 150 volts at 60 mills. Type B.H. will deliver 180 volts at 80-120 mills with transformer and chokes designed for this high voltage and current.

No. B205. Type B. List, $4.50. YOUR PRICE..... **$2.65**

No. B206. New Type B.H. List, $4.50. YOUR PRICE... **2.65**

New 350 Mil. Tube Type B A

Designed for A. B. C. elimination. With this tube and the proper equipment, which is listed on other pages of this catalog, it is possible to operate the radio receiver direct from A.C. house lighting current. Supplies A current for the filament of tubes wired in series and B and C current at the required voltage for any amplifier.

No. B207. List, $7.50. YOUR PRICE..... **$4.41**

Resistance Coupled Tubes

It is unnecessary to sacrifice volume for quality with resistance coupled amplifiers. Use the new MU tubes for greater amplification, purer tone, more volume and less distortion. MU-20 for first and second stages, has an amplification factor of 20. MU-6 is a power tube for the last stage to handle enormous volume without overloading.

No. B212. Mu-20. List, $2.25. YOUR PRICE **95c**

No. B213. Mu-6. List, $4.50. YOUR PRICE **$1.35**

No. B214. Set of three. Two Mu-20—One Mu-6. SPECIAL **$3.25**

McDonald Howl Arrester

No. B2324. Fits right over radio tube. Prevents vibration, microphonic noises. Practically a necessity. Should be used on every tube in the receiver. Greatly improves reception and stops oscillation. List, 75c. NET..... **45c**

Concert Master Copper Shielded Tubes

Completely encased in a copper shield. Protects tube from breakage, shields elements. Prevents howls, squeals and microphonic noises. Will fit any set.

		List	Net
B215.	X210A	$2.50	$1.46
B216.	X199	2.50	
B217.	X200A detector	$4.50	
B218.	X112 power tube	4.50	2.65
B219.	X171	4.50	

CECO TUBES

Nationally known radio vacuum tubes of merit and quality. Made in one of the largest plants in the world devoted exclusively to the manufacture of radio tubes.

No. B220. Similar to standard X201A tubes. List, $1.50. NET **88c**

No. B221. X199 type. List, $2.00. NET **$1.18**

No. B222. Type H Detector Tube. List, $2.50. NET **$1.47**

No. B223. Type K Radio Frequency Amplifier. List, $3.00. NET **$1.77**

No. B224. Type F. Similar to type 112 power tube. List, $3.50. NET **$2.06**

No. B225. Type 171 Power Amplifier. List, $3.50. NET **$2.06**

Latest Radio Books and Diagrams

Radio News Superheterodyne Book

No. B4301. The interesting Superheterodyne theory is fully described in a manner clearly understood by the average layman. It is easier to build and operate a receiver when the principles of the circuit are clearly understood. Constructional details and diagrams clearly given. 48 interesting illustrated pages. **List, 50c. YOUR PRICE** **32c**

Radio Log and Call Book

No. B4302. Keep a log of the stations you hear. Contains 48 pages of all American and foreign stations, listed by call letters, location and wave lengths. Space for logging all stations. Contains constructional data and operating and installation instructions. **YOUR PRICE** **19c**

1001 Questions Answered

No. B4303. Every known hook-up and circuit is described in detail in this recently published book. Recent circuits and developments are fully covered. Clearly printed diagrams and full details of each circuit described. **List, 50c. YOUR PRICE** **32c**

Latest Radio Review and Listener's Guide

No. B4304. A list of all radio broadcasting stations, completely revised and up-to-date. A review of all the more important radio circuits and improved models. Contains valuable information and data. 200 pages, over 300 illustrations. **YOUR PRICE** **35c**

How to Make a Neutrodyne

No. B4305. Constructional details of the most popular R. F. circuits, includes circuit diagram panel layout and template. Complete data, details and instructions. A simple matter to build a Neutrodyne with this detailed guide. **List, 50c. YOUR PRICE** **32c**

150 Radio Hook-Ups

No. B4306. One of the fastest sellers of all radio books. Gives diagrams, details and hook-ups of all efficient circuits. 56 pages illustrated. **List, 25c. YOUR PRICE** **17c**

Radio Trouble Finder

No. B4307. It is easy to locate troubles with this handy book. Trouble shooting and repair offers source for big profits. This book will help you to make money. Covers every detail of modern receivers. Every dealer and set owner should have a copy. 47 illustrated pages. **List, 25c. YOUR PRICE** **17c**

Tips for Radio Amateur Constructors

No. B4308. Solves many constructional problems. Especially layout and design. Every set builder needs this book. 48 pages of valuable information. **List, 25c. YOUR PRICE** **17c**

Radio News Amateurs' Hand Book

No. B4309. Latest publication of the amateurs' handbook. Previous issues gained great popularity with amateurs, fans and set builders. New issue is up to date and explains all of the recent developments. A big seller and a handy book for the dealer and amateur. Diagrams, blue prints and information. 112 pages, illustrated. **List, 50c. YOUR PRICE** **33c**

Radio Encyclopedia

No. B4310. A complete radio reference. Not a dictionary—an encyclopedia covering every phase of radio transmission and reception and allied subjects. Authentic. Contains 549 photographs, drawings and diagrams. 168 pages describing all modern and old reliable circuits. Explains all radio apparatus. Anyone can understand it. Covers radio from A to Z. Finely bound. Beautiful gold stamped covers. **List, $3.00. YOUR PRICE** **$1.45**

New Citizen's Radio Call Book

No. B4311. A complete list of radio stations with locations, wave length, maps and log sheets. A complete review of new radio receivers and circuits with full details of each. List of parts and constructional data given as well as diagrams. This is the very latest issue of this popular publication. A big seller. Hundreds of pages. **List, 50c. YOUR PRICE....** **32c**

Television

No. B4312. All about the fascinating new science of television which magically transmits pictures and photographs by wire and radio. Up to the minute. Explains the new principles of television in a non-technical manner that any one can understand. Attracting world-wide interest. You can sell hundreds of this brand new book. **List, 50c. YOUR PRICE....** **32c**

Neutrodyne and All About It

No. B4313. The famous Neutrodyne circuit is clearly described. Every bit of information that anyone can possibly want to know is given. Completely describes the Neutrodyne theory and hook-up in detail. 52 illustrated pages. **List, 25c. YOUR PRICE** **17c**

Tuning Your Set

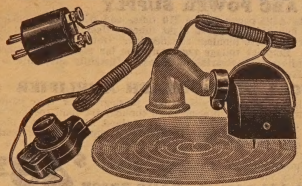
No. B4314. The tuning of some receivers is sometimes difficult to the average person to understand. This book explains the fundamental principles of tuning in radio receivers. Explanations are clear and easily understood. Entirely non-technical. Includes instructions on most circuits. 48 pages. illustrated. **List, 25c. YOUR PRICE** **17c**

How to Make a Wave Trap and Clarifier

No. B4315. Complete instructions and diagram explaining the construction of an efficient, effective wave trap for reducing interference and separating broad tuning stations. A good wave trap will obliterate the background of interfering stations improving tone quality and removing a cause of distortion. **List, 25c. YOUR PRICE** **17c**

Electric Phonograph Pick-Ups

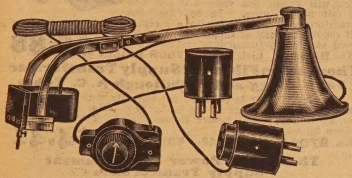
Pacent Phonovox



The Phonovox enables anyone having a phonograph and a radio set to modernize and bring his phonograph right up-to-date. Reproduces the new electrically cut records with greater fidelity of volume and superior tone to even the new modern phonographs. Can be attached to any phonograph in a minute's time. Sell the Phonovox to every phonograph and radio set owner. Low in price. Big profits.

No. B6510. List, $12.50. YOUR PRICE **$7.35**

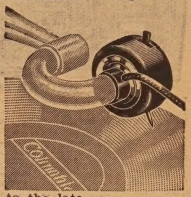
New Amplion Revelaphone



Perfectly reproduces the phonograph record through the radio receiver and loud speaker. The new electrically cut records cannot be perfectly reproduced with the old style phonographs. A product of Amplion, known the world over for perfect reproducers. Equipped with volume control, arm and pivot support. Instantly installed by anyone. Has 20 ft. extension cord and adapter which fits into the radio set socket.

No. 6200
List $15.00
YOUR PRICE **$8.82**

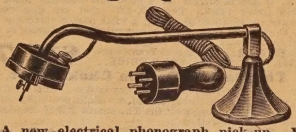
Na-Ald Electric Pick-Up



Our special recommendation. With built-in volume control, **needle scratch filter,** patented clip and switch connection which saves the detector tube. Excellent results on a radio set or in combination with a good amplifier. Convert your phonograph to the late Orthophonic type with power amplification.

No. B1179. Price, $10.00. YOUR NET PRICE **$5.88**

Magnaphon



A new electrical phonograph pick-up. Will reproduce phonograph records electrically through the radio receiver amplifier and loud speaker. Simply place it in any phonograph and plug the pick-up into detector socket of the radio set. No changes or adjustments are necessary.

No. B6511. List, $12.50. YOUR PRICE **$7.35**

Bosch Recreator

Phonograph pick-up. **Reproduces or recreates the phonograph record electrically through the radio set and loud speaker.** May be installed with any phonograph in any radio set without alteration or change of wiring. Furnished with plug and volume control.

No. B6512. List, $20.00. YOUR PRICE

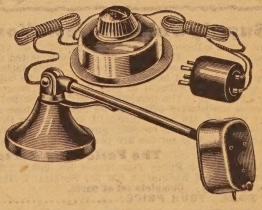
$11.76

United Phonograph Pickup

Latest development in electrical phonograph pick-ups. Astounding reproduction of phonograph records through the radio set and loud speaker.

Brings out the full tone and timbre of the new electrically cut records. May be used with any phonograph or any turn table. Tone arm permits universal use. Simply push plug into the detector socket of any radio set. Amplifies the phonograph record electrically and reproduces it through the loud speaker.

This is the new pick-up described in the latest issue of the Citizens Radio Call Book. Complete with volume control.



No. B7041. List, $16.50. YOUR PRICE.. **$9.70**

New Thordarson Push Pull Power Amplifier and "B" Supply Kit

A new Thordarson amplifier designed for enormous power amplification. Highest quality tone. Develops tremendous power. Uses two Super power 210 power tubes in push-pull with the new Thordarson push-pull units including the push-pull input transformer and push-pull output impedance.

ABC POWER SUPPLY

Furnishes complete ABC power to the 210 tubes and will supply sufficient B power to operate any receiver up to eight tubes. Uses the new 281 high voltage rectifiers for full wave humless rectification. Output voltage and current is tremendous. Employs voltage regulator tube for maintaining constant flow of current regardless of line variation or load. Instantly adaptable to use with any radio receiver.

LIST OF PARTS

1—Thordarson T2098 transformer	$20.00
1—Thordarson T2099 choke	14.00
1—Pair Thordarson push-pull transformers	16.00
1—Tobe 210 condenser block	18.00
2—Fixed resistors, 8,000 ohms	3.50
2—Fixed resistors, 10,000 ohms	2.00
1—Fixed resistor, 750 ohms	1.75
1—Clarostat	2.25
5—Sockets	4.25
7—Binding posts	1.05
1—12x18 base	.50

ELECTRICAL PHONOGRAPH AMPLIFIER

May be used with any standard pickup and phonograph or turn table to amplify records electrically and reproduce them through the loud speaker with far better tone and greater power than can be obtained with ordinary phonograph reproduction. Equals the finest electric phonographs on the market. Will reproduce the new electrically cut records naturally and superior to the ordinary phonograph.

Easy to build. Furnished with complete instructions and all parts necessary for its construction.

No. B7058. Total List $83.30. YOUR PRICE $48.98

Tubes for the Thordarson Full Wave Amplifier: Requires two UX-210 power tubes, two UX-281 rectifier tubes, one UX-874 voltage regulator.

Thordarson Heavy Duty Power Transformers and Chokes

A power transformer that will supply B current to any receiver regardless of current drain and, in addition, will provide A, B and C current for a push-pull amplifier using two UX-210 power tubes. Two UX-281 tubes are employed in full wave rectification providing a total output current of 130 M.A. at over 500 volts. The power supply transformer is contained in a crackle finished steel case.

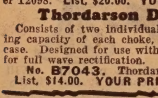
No. B7042. Thordarson Transformer T2098. List, $20.00. YOUR PRICE **$11.76**

Thordarson Double Choke Unit

Consists of two individual 30 henry chokes. Current carrying capacity of each choke, 130 M.A. Both contained in one case. Designed for use with the Thordarson T2098 transformer for full wave rectification.

No. B7043. Thordarson T2099 Choke. List, $14.00. YOUR PRICE **$8.22**

Thordarson Steel Chassis



An attractive metal baseboard for use in constructing the Thordarson 210 Power Amplifier with the R210 Power Compact. Includes necessary sockets, binding posts, mounting screws, hook-up wire and diagrams for the construction of the 210 Power Amplifier. A foundation unit for the 210 Power Amplifier. Requires only the R210 Compact, condenser bank and resistors for constructing a complete power amplifier. Metal base is pierced for mounting all parts and for all wiring.

No. B7044. List, $5.00. YOUR PRICE **$2.94**

Karas A-C-Former

A filament heating transformer for supplying A.C. filament current to R.C.A., Cunningham and all standard A.C. tubes. Furnishes 1½, 2½ and 5-volt potentials. Represents the result of careful engineering and painstaking workmanship. Has removable feet and long threaded binding posts so that it may be sub-panel mounted or used externally. Has center tap on 1½-volt winding, thus saving use of potentiometer.

Will supply eight UX-226 tubes, two 227 tubes and two 112 or two 171 tubes. Complete, with cord and plug and provided with receptacle for plugging in B eliminator.

No. B7049. List, $13.50. YOUR PRICE **$7.94**

THORDARSON A. C. FILAMENT SUPPLY TRANSFORMER

For R. C. A. and Cunningham Tubes

The new R.C.A. and Cunningham A.C. tubes are now in general use and specified for the latest kits and circuits. The new Thordarson filament heating transformer is designed especially for the new 226 and 227 A.C. tubes. It has three separate filament windings delivering 1½ volts A.C. for supplying filament current to six UX-226 amplifier tubes. Another winding which will supply 2½ volts for two UX-227 detector tubes. Third winding will supply five volts A.C. for two 5-volt power tubes. In addition, the transformer is equipped with a receptacle for plugging in a B supply unit and is supplied with a six-foot cord and plug. Dimensions, 2¾x5¾x4¾.

No. B7045. List, $10.00. YOUR PRICE **$5.88**

Thordarson Filament Supply Transformer For Kellogg and McCullough A. C. Tubes

This transformer is designed for use only with Kellogg and McCullough A.C. tubes of the heater type. Has sufficient capacity to supply the heater elements of from one to ten of these tubes.

No. B7046. List, $7.50. YOUR PRICE **$4.41**

Thordarson Power Tube Filament Supply Transformers

These transformers are designed to supply power tubes in the last stage with A.C. voltage. Each has sufficient capacity to handle two power tubes in push-pull amplifiers.

No. B7047. 5-volt A.C. Transformer. List, $5.00. YOUR PRICE **$2.94**

No. B7048. 7½-volt A.C. Transformer. List, $7.50. YOUR PRICE **4.41**

Paragon Output Filter

An output filter designed to eliminate direct current to loud speaker, thus preventing it from burning out or becoming demagnetized. Improves tone quality. Protects speaker from heavy current of power tubes. Recommended for use wherever power tubes are specified. A high quality output filter at an extremely low price.

No. B7061. List, $5.00. YOUR SPECIAL PRICE **$2.50**

B Supply Unit for New World's Record Super Ten

The World's Record Super 10 is a powerful set and requires more B current to run it than the ordinary receiver. The writer has personally tested most of the leading commercial eliminators on today's market but could find none that would satisfactorily operate the WRS10. Practically all of them are designed to operate a 171 power tube with a maximum of 130 volts. While the 171 is very fine, it cannot begin to give the results secured with the 210 power tube used in World's Record Super 10. The maximum undistorted output of a 171 at 180 volts is 700 milliwatts. The maximum undistorted output of the 210 power tube at 425 volts is 1,540 milliwatts. This simply means that the 210 power tube will deliver more than TWICE the undistorted output of the 171.

This power unit will not only supply all the B current required, but also lights the filament and provides the C bias for the 210 power tube. It requires less than two hours to build.

The Following Parts Are Supplied:

One Thordarson Power Transformer No. 2098; 1 Thordarson Choke Coil No. 2099; 1 Sangamo or Tobe R 210 Condenser Block; 1 Carter Si-20M Resistor; 2 SM 511 Sockets; 7 Binding Posts; 7-hole Binding Post Strip; 1 Wood Baseboard, 8½x10½.

No. B7059. Complete set of parts.
List, $50.80. YOUR PRICE **$30.67**

POWER PACKS

Thordarson Power Packs

Complete "ABC" supply for power amplification. Combined power amplifiers and "B" eliminators. Furnishes "B" current for any receiver from the light socket and also a highly efficient stage of power amplification. The 210 power pack uses the 316B rectifier, 374 voltage regulator tube and 210 power tube. Great power, enormous volume permits reproduction of full range of musical frequencies. The 171 power pack uses the Raytheon BH tube and the new 171 power tube. Furnishes complete "B" current to any radio receiver and "ABC" supply for the 171 tube.

R210

R210 Power Supply "B" Eliminator Only

No. B8846. List of Parts: 1 Thordarson power compact R 210, 1 210 filter condenser block, 1 8000 ohm fixed resistance, 2 10,000 ohm fixed resistances, 1 1000 ohm resistance, 2 bakelite UX sockets, 7 binding posts, strip, baseboard, screws, wire, instructions. Requires 1 316 B tube and 1 374 tube. Total List Value $40.50. YOUR PRICE **$24.85**

R171

R210 Power Amplifier and "B" Supply

No. B8847. Power Supply and Amplifier combined. In addition 1 Thordarson R200 transformer, socket for R210 tube and Thordarson R76 output transformer. Needs 1 316 B tube, 1 374 Voltage Regulator and 1 210 tube. Total List Value, $54.00 YOUR PRICE **$33.55**

R171 Power Supply and Amplifier Combined "B" Eliminator and Power Amplifier

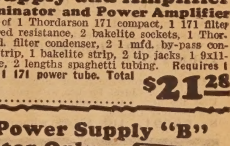
No. B8848. Consists of 1 Thordarson 171 compact, 1 171 filter condenser bank, 1 171 tapped resistance, 2 bakelite sockets, 1 Thordarson 196 choke, 1 2 mfd. filter condenser, 2 1 mfd. by-pass condensers, 1 4 post terminal strip, 1 bakelite strip, 2 tip jacks, 1 9x11-inch baseboard, screws, wire, 2 lengths spaghetti tubing. Requires 1 Raytheon B. H. tube, and 1 171 power tube. Total List Value, $41.00. YOUR PRICE **$21.28**

Thordarson Power Compacts

Power pack essentials for 171 and 210 power amplifiers. Consists of power transformer, filter chokes, filament winding and buffer condenser in one case with cord, plug and terminals. Specified for the 171 and 210 power packs.

No. B8850. R210 Power Compact. List, $20.00. YOUR PRICE **$11.88**

No. B8851. R171 Power Compact. List $15.00. YOUR PRICE **$8.82**



R171 Power Supply "B" Eliminator Only

No. B8849. For supplying complete "B" current to any receiver, also "ABC" voltage to 171 power tube. Consists of 1 Thordarson 171 compact, 1 171 filter condenser bank, 1 171 tapped resistance, 1 bakelite socket, 2 1 mfd. filter condensers, one 2-post terminal strip with 5 posts, screws, lugs wire, 2 lengths spaghetti tubing. Total List Value, $33.80. YOUR PRICE..... **$24.95**

Dongan Power Supply Transformers

Power and Filament Heating Transformers

No. B2099. Transformers. Power supply transformers for Raytheon BA 350 mil. tube. ABC power pack. For supplying A, B and C voltages to 201A tubes. 700 volts center tap 300-400 mils. 5 volts center tap ⅝ amp. 4 volts, 5 amp. List, $15.00. NET **$8.92**

No. B2098. Power supply transformers for Q. R. S. 400 mil. tube ABC power supply. 750 volts center tap. 300-400 mils 5 volts center tap, 1 amp., 4 volts 5 amp. List, $15.00. NET **$8.92**

No. B2097. Double choke for use with the Raytheon 350 mil. transformer or Q. R. S. 400 mil. transformer. Two chokes built into one metal case. For ABC power supply unit. List, $15.00. NET **$8.92**

Filament Heater Transformers

No. B2096. For UX-210 tube. 7½ volts, 1¼ amp. center tap. List, $2.50. NET **$1.70**

No. B2095. Filament heater for UX-112 or UX171 power tube. 5 volts, ½ amp. center tap. List, $2.50. NET **$1.70**

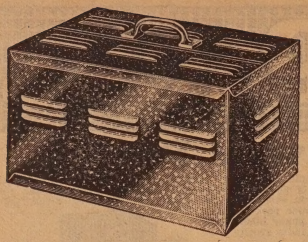
Knight 30 Henry Choke

New filter choke for "B" eliminators and power amplifiers. **Has capacity—will pass 85 milliamperes without heating.** Ideal as output filter with 4 mfd. filter condenser for keeping D. C. out of loud speaker windings. Highest quality choke for "B" eliminator filter. **Scientifically designed for removing all trace of A. C. hum in "B" eliminator circuits.** Two 30 Henry chokes must be used for "B" eliminator work with standard filter condenser bank. Sturdily assembled. Clamped laminations. Die formed case.

No. 3005 List, $5.00 YOUR PRICE **$2.30**

Amertran Power Transformers

No. B2094. Type P. F. 52. For use with 216B tube for supplying high voltage in an eliminator or power pack for the CX-310 power tube. Also for supplying proper voltage to rectifying and power tubes. Specified for Amertran Power Pack, L. C. 27 and Amertran Automatic Power Compact. List Price, $18.00. YOUR PRICE..... **$12.50**



New S-M 675 Hivolt ELIMINATOR

New Silver-Marshall completely wired power supply. Has the unusual feature of supplying up to 425 volts for 210 power tube. Also supplies 35 volts "C" for 210 tube.

Will Operate Any Radio Receiver

The new Hivolt "B" Supply will furnish sufficient current to operate the largest radio receivers and at the same time will supply a 210 super power tube with high voltage for power amplification. An outstanding feature of this Hivolt Power Supply is that it is equipped with a Carter adapter which permits the use of the 210 tube in the last audio stage of any receiver. This eliminates any necessity of rewiring the receiver or building an additional power pack.

Has output taps of 45, 90, 135 and 425 volts. Operates from 50-60 cycle, 105-115 volt A.C. current. Fully built in new exceedingly attractive fully-housed steel brown-crackle finished carrying case. Size, 12¾ in. long by 8½ in. wide by 7¼ in. high.

No. B7510. List, $58.00. YOUR PRICE..... $34.10

The 675 Hivolt Eliminator requires one UX281 high voltage rectifier.

RECEPTRAD POWERIZERS

Power Amplifier and Eliminator

Model PXY1

New, improved Powerizer. Power amplification for perfection of reproduction. Wonderful tone quality. Can be attached to any receiver for an added stage of power amplification. Uses the 210 superpower tube and the new CX380 rectifier. Furnishes complete ABC power to power tube and B and C power to the radio set. Filament winding will also supply A current to sets using new A.C. tubes.

No. B8090. List, $60.00, without tubes. YOUR PRICE $35.28

MODEL PX2

Complete two-stage power amplifier. Will replace any audio system for greatly improved tone quality. Ideal for use with electrical or magnetic pickups for phonograph amplification. Uses the new A.C. amplifier CX326 and the superpower amplifier 210, also new rectifier CX380.

No. B8091. List, $75.00, without tubes. YOUR PRICE..... $45.00

110 v. 50-60 cyc.

SUPER POWER "A-B"

GENUINE "A" AND "B" ELIMINATOR

No Batteries—No Chargers—No Relays—No Hum—No Variable Adjustments—No Annoyance

Constant unfailing "A" and "B" power direct from the light socket for any radio set. Perfect filtration. Smooth, constant, quiet power always available, never failing.

Not a Battery—Charger Combination

The Super Power "A" and "B" Eliminator is a genuine eliminator. It contains no batteries of any sort. Quiet, humless, constant "A." Raytheon "B". Delivers 6 volts "A" and 180 volts "B" for all sets up to ten tubes.

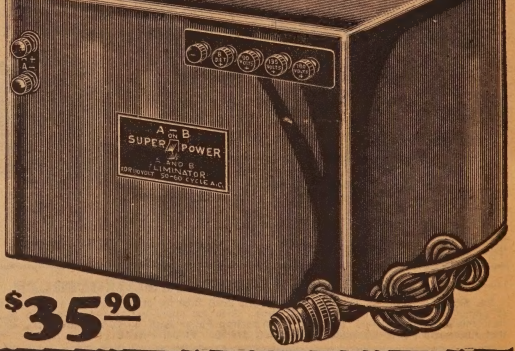
Constant Power

No adjustment. No knobs to adjust—no variable voltages. New voltage regulator tube maintains the output voltage constant regardless of A.C. line variation or load. The voltages shown on the output taps are the identical voltages that will always be delivered.

Electrifies any Receiver

Instantly installed. No changing of wiring or altering of circuit. Connect the set wires to the Super Power "A-B" and plug into the light socket. Attractively encased in substantial, heavy gauge metal cabinet richly finished in deep dark dull green.

Complete with Raytheon tube and voltage regulator tube ready to install.



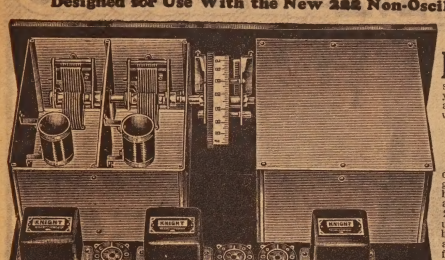
No. B8075

Retail List $67.50 YOUR PRICE . . . $35.90

SHIELDED GRID 7

Powerful, Non-Oscillating Receiver

Designed for Use With the New 222 Non-Oscillating Shielded Grid Tubes



Coast to Coast Reception

HERE we offer the ultimate of radio receivers. The new Shielded Grid 7 outperforms anything ever before developed. A powerful single drum control kit which will not oscillate yet will bring in stations thousands of miles away with enormous volume, no distortion and without interference.

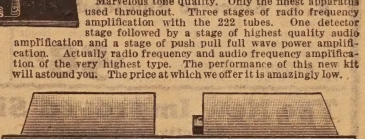
Fully Shielded

New highly efficient space wound inductances completely stage shielded. The new 222 shielded grid tube performs miraculously. This new tube has an amplification factor of 250 as against an amplification factor of 8 to 10 of the usual 201A tube. The enormous gain per stage builds up the weakest, faintest signal to great intensity bringing in distant stations thousands of miles away with the full undistorted volume of powerful local stations.

Marvelous tone quality. Only the finest apparatus used throughout. Three stages of radio frequency amplification with the 222 tubes. One detector stage followed by a stage of highest quality audio amplification and a stage of push pull full wave power amplification. Actually radio frequency and audio frequency amplification of the very highest type. The performance of this new kit will astound you. The price at which we offer it is amazingly low.

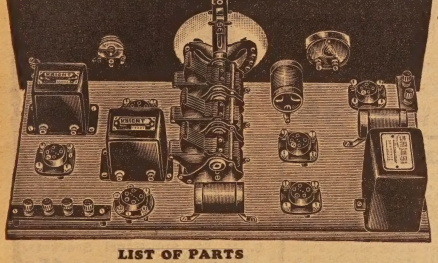
LIST OF PARTS

1—7x21 drilled bakelite panel; 1—11½x20 in. bakelite sub panel; 1—Pilot drum dial with bronze escutcheon plate; 1—variable resistor 1,000 ohms; 1—midget condenser; 2 sets—aluminum shields; 3—modified S.L.F. condensers; 1—steel shaft 7½ in.; 1—steel shaft 4 in.; 7—bakelite UX sockets; 1—Knight K200 transformer; 1—Knight push pull input transformer; 1—Knight push pull output transformer; 3—space wound R.F. inductances; 1—grid condenser; 1—grid leak; 1—by pass condenser .001; 1—by pass condenser 1. mfd.; 4—by pass condensers .5; 11—Eby binding posts; 3—R.F. chokes; 2—phone tip jacks; 3—fuse clips; 2—fixed resistors; 3—Karas brackets; screws, lugs, wire, wiring diagram.



No. B7054
Total List, $110.00
YOUR PRICE $48.50

Six Tube A. C. Single Control Kit



DESIGNED for use with the new 226, 227 A.C. tubes for All Electric operation. Requires no batteries of any sort. Operates direct from the light socket.

Powerful—Selective

Has single illuminated control for ease of operation. Carefully designed and engineered. Uses the highest quality of apparatus including the latest space wound inductances for sharp, selective tuning. Hair line separation. Cuts right through powerful local stations. Brings in distant stations with volume and clarity.

Beautiful Tone

Uses the new Knight high quality audio transformers for perfection of reproduction. Amplifies the highest and lowest notes evenly and faithfully. Uses power tube either 112 or 171 in the output stage. This, is supplied with A.C. filament voltage.

Includes heater transformer for supplying all filament voltages direct from the light socket. Requires only standard "B" eliminator for complete A.C. operation.

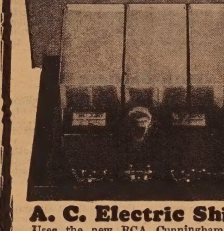
The lowest priced A.C. kit obtainable. The biggest buy on the market. Latest design.

LIST OF PARTS

1—7x21 bakelite drilled panel; 1—11x20 baseboard; 1—triple .00035 condenser; 1—Pilot illuminated dial; 1—variable resistor 1,000 ohm; 5—UX sockets; 1—UY 5 prong socket; 3—space wound R.F. inductances; 1—grid condenser; 1—grid leak; 1—midget condenser; 2—Knight K200 audio transformers; 2—phone tip jacks; 12—binding posts; 2—by pass condensers .1; 1—by pass condenser 1.; 1—by pass condenser .001; 1—grid suppressor 1,000 ohm; 2—carter 6 ohm potentiometers; 1—20 ohm tapped resistor; 1—2,000 ohm resistor; 1—1,000 ohm resistor; 1—heater transformer; screws, wire, lugs, wiring diagram.

No. B7055
Total List, $80.00
YOUR PRICE $36.50

Silver Marshall



A. C. Electric Shielded Six

Uses the new RCA Cunningham AC tubes for light socket operation. Complete with all resistances. Needs only new SM 652A and tubes for complete electric operation—no batteries.

No. B1555A—List $99.00. YOUR PRICE..... $58.20

S.M.-A.C. Shielded Six

THE 1927-28 improved model of the famous Shielded Six is one of the finest types of broadcast receivers ever developed in the S-M laboratories. Three stages of tuned radio frequency with sensitivity control. Individual stage shielding prevents pick-up of outside noise interference. Remarkable tone quality with the highly efficient S-M transformer. Two dial control of the three R. F. and detector stage with the S-M link motion. The receiver is assembled upon a drilled steel chassis with decorated metal panel and removable aluminum shields. Remarkably simple to construct and smooth and efficient in operation. Sufficiently selective to separate powerful local stations and bring in distant stations with ease, volume and clarity of reproduction. Equipped with new walnut vernier dials.

No. B1555. List $95.00 complete. YOUR PRICE..... $55.85

No. B1093. Shielded Six Panel. Decorated metal panel 7x21 inches, pierced. List, $8.50. **YOUR PRICE..... $5.00**

No. B1092. Shielded Six Chassis. Type 634. Black japanned formed steel chassis, pierced for all instrument mountings. Size 12x19¼x1¼. All screws, lugs and hardware included. List, $6.00. YOUR PRICE **$3.53**

The New Improved Silver Cockaday II Kit

Selected and Sensitive

The sensitivity of the receiver is amazing—designed to meet the unusual conditions found in the crowded New York and Chicago districts. An instrument capable of giving satisfactory results in either of these areas is sure to give satisfaction in any locality.

The S. C. II will provide sufficient volume for home entertainment and dancing purposes. With average favorable conditions, stations hundreds of miles away may be received with ample loud speaker volume.

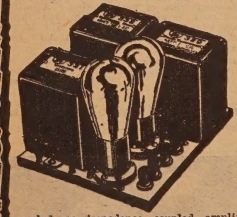
EASY TO BUILD AND OPERATE

The kit is extremely simple to assemble because every detail of its construction has been planned with utmost care. It is supplied with a metal chassis and panel accurately pierced for mounting all instruments.

Complete List of Genuine Parts			
1—Carter B ½ resistor	$0.25	1—SM 637 Link motion	$2.00
1—Carter M200 S potentiometer	1.25	3—SM 515 sockets	3.00
2—Carter tip jacks	.20	4—SM 511 sockets	2.00
1—Benjamin No. 9040 UX socket	.75	2—SM 220 transformers	16.00
10—Eby binding posts: ant. ant. gnd. A+ A— C— C— 45+ 90+ amp. +..	1.50	1—SM 116A coil	2.50
2—National type B clockwise vernier dials	5.00	2—SM 118A coils	5.00
2—Tobe 1 mfd. condensers	2.00	2—SM 631 stage shields	4.00
1—Tobe .002 condenser	.40	1—Van Doorn S. C. chassis with formed steel panel, nuts, screws, insulators and lugs	5.00
2—SM 316B condensers	9.00		
1—SM 316A condenser	4.50	Total List Value	$64.35

No. B8802 YOUR SPECIAL PRICE $36.95

IMPROVED 652A RESERVOIR "B"



The 652 "B" Power Supply Kit contains all the parts necessary to construct a high quality "B" battery eliminator. Used with any 105-120 volt 60 cycle A.C. Sufficient voltage and current to operate any 5 to 10 tubes. Has power output voltage of 180 V. for 171 power tube and 40 v. C bias. Also has 45 and 90 v. taps.

The CX 374 voltage regulator maintains the output of the eliminator at constant voltage regardless of load.

Has filament windings for A.C. tubes, also for filament of power tube. Complete ABC supply for any set using new A.C. tubes. Can be used with quality resistance coupled or impedance coupled amplifiers. Complete parts included. Simple to construct and easy to install.

No. B1553. List $36.50. YOUR PRICE..... $21.45

Requires CX 374, Raytheon BH rectifier tubes not included with kit. These tubes will be found listed on the tube pages.

No. B1552. S-M 656A Reservoir "B" completely wired. List without tubes, $40.50. YOUR PRICE..... $23.79

S. M. 632 Triple Link Motion, No. B1091. List, $2.50. NET..... $1.47

S. M. 637 Double Link Motion. No. B1090. List, $2.00. NET..... $1.18

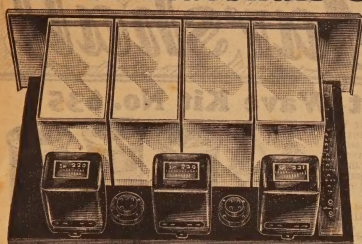
S. M. 540 Sub-Panel Brackets. No. B1089. List, 70c. NET..... 41c

New S.M. 240 Audio

Latest Silver-Marshall Audio Transformer, new design, latest improvements, wonderful tone quality. Natural straight line amplification. Amplifies all frequencies from the lowest to the highest faithfully with great volume and no distortion. Specified in the Popular Mechanics Economy Super. Low price.

No. B1085. List, $6.00. YOUR PRICE $3.53

Silver-Marshall Shielded Grid Six



New Silver-Marshall six tube shielded receiver designed for use with the new shielded grid tubes. Extremely high amplification is obtained with the new shielded grid tubes which have an amplification factor of 250. The amplification is enormous in comparison to that of the ordinary 201A tube which has an amplification of only 6 to 8. The shielded grid tubes are used in the radio frequency circuits of the receiver which build up the strength of the weakest signal to full volume. Stations thousands of miles away may be heard with the volume, distinctness and clarity of powerful local stations.

Sensitive—Powerful—Non-Critical

The new shielded grid tube is revolutionary. With an extremely high amplification factor it is nevertheless non-oscillating when used in shielded circuits, consequently non-critical. Distant stations roll in with enormous volume at every degree on the dial. Anyone can operate this powerful receiver.

Wonderful Tone Quality

By virtue of the renowned Silver-Marshall audio transformers the audio amplification is perfect. Every note from the highest to the lowest of the musical scale is amplified with the same degree resulting in perfect tone. The Silver-Marshall output transformer permits the use of power tubes with high voltage without danger to the loud speaker.

No. B7037. List, $97.00. YOUR PRICE..... **$56.04**

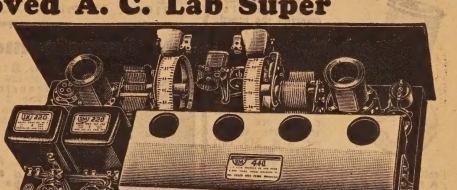
S-M Improved A. C. Lab Super

The famous Silver-Marshall Lab Super fully electrified for light socket operation.

The performance of the S-M Lab Super has been unequalled. Its nearly miraculous reception of far distant stations and its splendid tone quality has been a revelation. So selective that it actually cuts side bands and will separate local and distant stations even less than 10 kilocycles apart.

The incorporation of the S-M 440 Time Signal Amplifier in a Superheterodyne of this character insures the utmost of gain per stage in intermediate amplification. Each stage of the Time Signal Amplifier is carefully matched and accurately peaked.

Uses the new heater type A. C. tubes for most quiet reception without hum or background line noises. The Sovereign or McCullough tubes recommended.



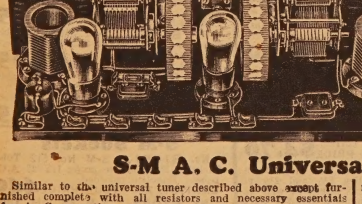
Complete List of Parts

2—S-M 111A coils.
2—S-M 515 coil sockets.
2—S-M 320 condensers.
1—S-M 942 condenser.
1—S-M 440 time signal amplifier.
1—S-M R. F. choke, type 275.
1—.00015 grid condenser.
1—2 megohm leak.
2—S-M 805 dials.
1—Carter MW 1/5 rheostat.
1—Carter power switch.
1—Carter MW 5000 potentiometer.
1—Carter H 2000 resistor.
1—Carter H250 resistor.
4—Carter tip jacks.
1—Frost FT 64 resistor.
2—S-M 220 transformers.
4—S-M 511 transformers.
9—XL binding posts.
Van Doorn panel and chassis unit with hardware.

No. B7040. Total List, $91.60 YOUR PRICE **$53.86**

Note:—The A. C. Lab Super may be operated with the S-M 652A or 656A Power Unit without batteries or other power accessories. May also be used with any standard "B" eliminator and McCullough type A. C. heating transformer.

Silver-Marshall Universal All Wave Tuner



A new Silver-Marshall two tube tuner kit for either battery or A. C. operation.

Adaptable to A. C. Operation

The new universal two tube All Wave Tuner incorporates a radio frequency circuit of highest efficiency and merit. It has been designed primarily for those who want the utmost in efficient tuned radio frequency circuits to be coupled with the new high quality power amplifiers, such as the Silver-Marshall Unipac, the S-M Two Stage Amplifier, the Thordarson Power Amplifier for the highest quality of reproduction.

Complete kit consists of complete essential tuning units. Simplified drum control, space wound interchangeable plug in coils permitting operation at all wave lengths by substituting Silver-Marshall short wave inductances.

No. B7038. List, $29.50. YOUR PRICE **$17.35**

S-M A. C. Universal All Wave Tuner

Similar to the universal tuner described above except furnished complete with all resistors and necessary essentials for A. C. operation. Requires only A. C. filament heating transformer such as the S-M 325 and any standard "B" eliminator or power amplifier. Filament heating transformer is not necessary with such eliminators and amplifiers equipped with filament winding for A. C. tubes.

No. B7039. List, $33.25. YOUR PRICE..... **$19.55**

Silver Marshall

S-M 631 Stage Shield

No. B1055. S-M No. 631 Stage Shield. An aluminum case, removable top and bottom. For individual stage shielding, size 7½x5x3¾. Pierced to accommodate S-M variable condenser, 515 coil socket, tube socket, choke and standard by-pass condenser. List $2.00. YOUR PRICE..... **$1.18**

S-M Plug In Coils

Interchangeable plug-in coils for covering the broadcast, the short wave and the long wave bands. All S-M coils are wound for .00035 condensers except the 117 series which require .00014 variable condensers. All coils are interchangeable to fit the S-M 515 coil socket. The ranges of various types of coils are as follows:

A types 190-550 meters.
B types 70- 200 meters.
C types 30- 75 meters.
D types 500-1500 meters.

No.	Type	List	NET
B1074	-110A	$2.50	$1.47
B1075	-110B	2.50	1.47
B1076	-110C	2.50	1.47
B1077	-110D	5.00	2.94
B1078	-111A	2.50	1.47
B1079	-111B	2.50	1.47
B1080	-111C	2.50	1.47
B1081	-111D	5.00	2.94
B1082	-114A	2.50	1.47
B1083	-115A	2.50	1.47
B1084	-115D	5.00	2.94
B1086	-116A	2.50	1.47
B1087	-116D	5.00	2.94

No. B1073. S-M Type 101B Coupler. Bakelite stator tube with two 28 turn windings and adjustable rotor of 28 turns. Range 150-550 meters with .0005 condensers. List, $2.50. NET **$1.47**

No. B1072. S-M 113. Unwound Bakelite form with all hardware and rotor. List, $1.25. YOUR PRICE..... **74c**

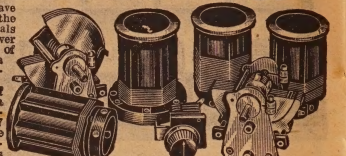
No. B1071. S-M 515 Coil Socket. Moulded Bakelite ring with six contacts, designed to take all S-M plug in coils. List, $1.00. YOUR PRICE..... **59c**

S-M Condensers

No. B1070. S-M 340 Midget Condenser. Designed for compensating, balancing, antenna couplings, etc. For panel or subpanel mount. Maximum capacity .000025. List, $1.50. YOUR PRICE.... **88c**

No. B1069. S-M 342 Midget Condenser. Similar to S-M 340 Midget condenser except for max mum capacity .000075. List Price, $1.50. YOUR PRICE **88c**

Short Wave Kit No. 635



The Type 635 Short Wave Receiver Kit contains the carefully matched essentials for constructing a receiver with a wave length range of 18 to 150 meters and a practically unlimited distance.

Consists of a set of Type 117 plug-in coils, a 515 coil socket, 340 condensers and a pair of 317 condensers. Complete building instructions included for several circuits to suit the individual builder.

No. B1050. List Price, $23.00. YOUR PRICE..... **$13.52**

TYPE 117—KIT OF COILS ONLY

Set of four special coils for use with 317 condenser in short wave receivers (for 635 Kit). Ranges, 18 to 32, 30 to 53, 51 to 90 and 85 to 150 meters. Consists of grid and plate windings only for direct antenna coupling, using No. 340 condensers.

No. B1049. List Price, $11.00. YOUR PRICE..... **$6.47**

S-M Transformers

No. B1065. S-M 220 Audio Transformer. Ratio 3 to 1. May be used with standard 201A or power tubes. List, $8.00. YOUR PRICE **$4.70**

No. B1064. S-M 221 Output Transformer. For use between last power tube and loud speaker. Prevents damage to the speaker from high voltage. List $7.50. YOUR PRICE..... **$4.41**

No. B1056. S-M Output Transformers, Type 222. May be used with any set without changing the wiring whatever. Has extension cord and tip jacks to be plugged into the output of any set. List, $8.00. YOUR PRICE..... **$4.70**

No. B1063. S-M 329 Power Transformer. For "B" eliminators with filament rectifier tubes. Contains two 200 volts secondary, one 105-120 volt 60 cycle primary and one center tapped, 5 volt filament winding. List, $9.00. YOUR PRICE **$5.30**

No. B1062. S-M 329A Power Transformer. For use with 313, 380, Raytheon or Q.R.S. rectifiers. Will furnish "A" and "C" power to A.C. power tubes. Furnished with cord and plug. List, $11.00. Your Price **$6.47**

No. B1061. S-M 330 Power Transformer. For filament rectifier tubes for "B" eliminator. List, $9.00. YOUR PRICE..... **$5.30**

No. B1059. S-M 332 Condenser Bank. For use in "B" eliminator circuits with a balast or glow tube. List, $12.50. Your Price **$7.35**

No. B1058. S-M 331 Uni-choke. To filter pulsating rectified D.C. into smooth, humless, constant current. List, $8.00. YOUR PRICE **$4.70**

No. B1057. S-M 325 Step Down Transformer. Supplies 1½ and 2½ v. filament lighting A.C. tubes as well as furnishing center tapped 5 and 7½ volts for the filament of power tubes. List, $6.00. YOUR PRICE..... **$4.70**

S-M Push-Pull Transformers

A stage of full wave amplification using a pair of S-M push pull transformers will efficiently handle a highly amplified signal without distortion. With tubes of the 112 or 171 types enormous amplification may be secured with only 135 to 180 volts.

These transformers are used in the new S-M Unipac and will be specified in many kits because of high efficiency.

List, $10.00. YOUR PRICE, Each,

No. B1053. S-M 231 Output.
No. B1054. S-M 230 Input. $5.88

S-M CONDENSERS

No. B-1068. S-M 316A Variable Modified S. L. F. Condenser. Lacquered brass plates. Rotor, stator plates, and front and rear bearings adjustable. Removable steel shaft 3½ in. long. Capacity, .00035. List, $4.50. YOUR PRICE **$2.65**

No. B1067. S-M 316B Variable Condenser. Identical to S-M 316A except with shaft 3¾ in. long. List, $4.50. YOUR PRICE **$2.65**

No. B1066. S-M 317 Variable Condenser. Identical to S-M 316A condenser except for lower maximum capacity, .00014. List, $4.50. YOUR PRICE **$2.65**

S-M Sockets

No. B1051. S-M No. 512 Tube Socket. For the five prong UY227 A.C. tube. Bakelite moulded. List Price, 75c. YOUR PRICE **44c**

No. B1052. S-M No. 511 Tube Socket. Bakelite moulded UX plug-in type tube socket. List Price, 50c. YOUR PRICE **30c**

Silver Marshall

Improved Silver Laboratory Super

The performance of this Shielded Super is a positive revelation. Will cut sidebands of local stations and will separate local and out of town stations in many cases less than ten kilocycles apart.

The New Jeweler's Time Signal Amplifier tuned accurately at 112 kilocycles is used as the intermediate amplifier. High quality audio amplification with the famous S-M 220 transformers. Adaptable for **201A, 240, 112 or 171 tubes,** also for new A.C. tubes. **Completely shielded first dectector and oscillator units.** Will be found listed by many at a slightly lower price without shields, but for **full efficiency, it complete however, with shields for full efficiency.**

out the shields. **We are offering it complete however, with shields for full efficiency.**

Described and specified in the Citizen's Radio Call Book and other popular publications.

Complete List of Genuine Parts

1—Van Doorn panel and chassis unit with hardware, $8.50; 1—Carter .00015 condenser with clips, 50c; 1—Carter M200 potentiometer, 75c; 2—Carter .5 condensers, $1.80; 1—Carter 3-ohm rheostat, 50c; 4—Carter No. 10 tip jacks, 40c; 1—Carter pilot switch, 50c; 1—Polymet 2-meg. grid leak, 25c; 2—S-M 220 transformers, $16.00; 4—S-M 511 tube sockets, $2.00; 2—S-M 806 vernier drum dials, $6.00; 1—S-M 275 R.F. choke, 90c; 1—S-M 342 condenser, $1.50; 1—S-M 440 time signal amplifier, $35.00; 1—S-M 550 coil socket, $2.00; 2—S-M 111A coil, $5.00; 9—XL binding posts, $1.35; 2—S-M 320 .00035 condensers, $6.50; 2—S-M 631 stage shields, $4.00; Total List, $93.45.

Total List $97.40

YOUR PRICE

No. B8801 $54.50

S-M UNIPAC KITS

THE NEW S-M UNIPAC KITS, complete with attractive crackle finished steel cabinets and pierced steel chassis. WILL SUPPLY "B" CURRENT FOR ANY RADIO RECEIVER AND ALSO "A" "B" AND "C" VOLTAGES FOR THE TWO POWER TUBES used in the pack. Splendidly adapted as phonograph amplifiers in conjunction with the new electrical phonograph pick-ups displayed on another page of this catalog. A voltage regulator tube is used to maintain constant voltage.

New S-M 660-210 Unipac

The S-M 660-210 Push-Pull Unipac is truly the most powerful power pack that has ever been developed for radio amplification. Tubes required are 2 CX316B's, 1 CX374 and 1 CX327's. The new 110 milliampere CX381 full-wave rectifier may be used in place of the 2CX316B tubes. **No. B1565. List, $83.25, without tubes..... $48.90**

No. B1564. S-M 666. The 660-210 Unipac completely assembled and wired, ready for operation. **Tubes not included. List, $93.25. YOUR PRICE $54.83**

S-M 660-171 UNIPAC

No. B1561. The limit of amplification obtainable is secured with this remarkable new power pack using two 171's in push-pull for full-wave power amplification. Supplies "B" current to any radio receiver as well as "A" "B" "C" voltages to the 2 171 power tubes used. Tubes required: 1 Raytheon BH 85-mil., 1 CX374, 2 CX171's. **List, $64.00, without tubes. YOUR PRICE... $37.60**

No. B1562. S-M 660-171A Unipac, with windings for "A" and "C" power to new A.C. tubes. **List, $66.00. YOUR PRICE..... $38.85**

No. B1567. S-M 667 Unipac. The 660-171 Unipac completely wired, ready for operation. **Tubes not included. List, $74.00. YOUR PRICE $43.50**

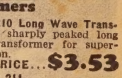
No. B1568. S-M 667A Unipac. Identical to 667, completely wired, with filament winding for "A" and "C" power to new A.C. tubes. **List, $76.00. YOUR PRICE $44.65**

Complete Power Pack Kits

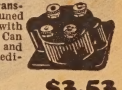
Long Wave Filter Transformers

No. B1097. S-M 210 Long Wave Transformer. An iron core sharply peaked long wave intermediate transformer for superheterodyne construction. **List, $6.00. YOUR PRICE... $3.53**

No. B1096. S-M 211 Long Wave Filter Transformer. A sharply tuned air-core filter used with S-M 210 transformer. Can furnish peaked and matched with intermediate transformers. **List, $6.00. YOUR PRICE $3.53**



No. B1094. S-M 276 R.F. Choke. For superheterodynes or long-wave receivers tuning from 600 to 2000 meters. Inductance, 10 millihenries. **List, $1.00. YOUR PRICE 59c**



No. B1095. S-M 275 R.F. Choke for standard receivers tuned to 600 meters maximum. Inductance, 2½ millihenries. **List, 90c. YOUR PRICE..... 53c**

S-M 440 Jeweler's Time Signal Amplifier

SUPERHETERODYNE INTERMEDIATE AMPLIFIER

The Jeweler's time receiver is a long-wave Superheterodyne intermediate amplifier definitely tuned to 112 kilocycles—2677 meters. The selectivity is so sharp that interference from other wave lengths is impossible. Each stage is individually shielded. Simple to connect and hook, with 8 binding posts.

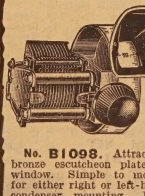
No. B1556. S-M 440 Time Signal Amplifier—in completely wired form, factory sealed. **Guaranteed. List, $35.00. YOUR PRICE $20.58**

S. M. 632 Triple Link Motion.
No. B1091. List, $2.50. NET.... $1.47

S. M. 637 Double Link Motion.
No. B1090. List, $2.00. NET.... $1.18

S. M. 540 Sub-Panel Brackets.
No. B1089. List, 70c. NET..... 41c

S-M Vernier Drum Dial

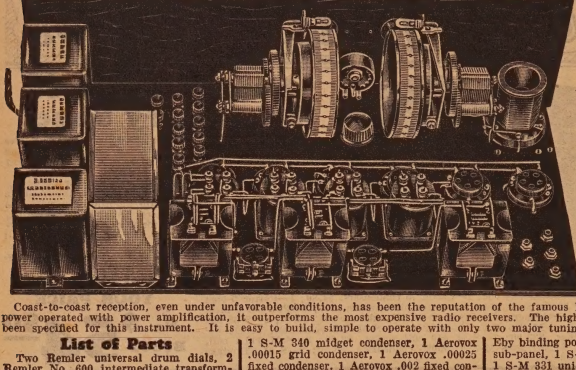


No. B1098. Attractive bronze escutcheon plate or window. Simple to mount for either right or left-hand condenser mounting. Dial readings controlled by panel knob. Lamp bracket for illuminating. **List, $3.00. YOUR PRICE $1.76**

New S-M 240 Audio

Latest Silver Marshall Audio Transformer, new design, latest improvements, wonderful tone quality. Natural straight line amplification. Amplifies all frequencies from the lowest to the highest faithfully with great volume and no distortion. **Specified in the Popular Mechanics. Economy Super. Low price. No. B1085. List, $6.00. YOUR PRICE $3.53**

New Remler 45KC A. C. Super



As Described in Radio Broadcast

THE far famed Remler Best 45KC Super fully electrified and designed for complete A.C. all electric operation. No batteries whatsoever.

New simplified tuning control and the new improved audio amplifier with power unit modernizes the Remler Best 45KC Super and brings it to the foreground as one of the year's most efficient receivers.

Long Range—Powerful Reception—Astounding Tone Quality

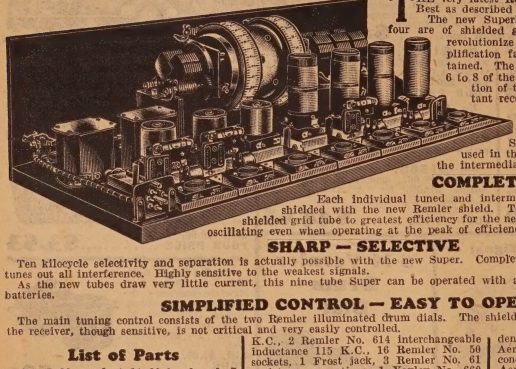
Coast-to-coast reception, even under unfavorable conditions, has been the reputation of the famous Remler Best Super. Now power operated with power amplification, it outperforms the most expensive radio receivers. The highest quality apparatus has been specified for this instrument. It is easy to build, simple to operate with only two major tuning controls.

List of Parts

Two Remler universal drum dials, 2 Remler No. 600 intermediate transformers, 2 Remler No. 610 tuned filter transformers, 2 Remler No. 638 .00035 condensers, 2 S-M 240 audio transformers, 1 S-M 241 output transformer, 6 S-M 512 five-prong tube sockets, 2 S-M 511 UX tube sockets, 1 S-M 515 coil socket, 1 S-M 111A coil, 2 pair S-M 540 brackets, 1 S-M 340 midget condenser, 1 Aerovox .00015 grid condenser, 1 Aerovox .00025 fixed condenser, 1 Aerovox .002 fixed condenser, 1 Aerovox .005 condenser, 1 2-megohm grid leak, 3 1. by-pass condensers, 1 1500-ohm resistor, 1 2000-ohm resistor, 3 Frost FT64 resistors, 5 tip jacks, 1 Frost 5000-ohm potentiometer, 1 5000-ohm resistor, 1 Frost 400-ohm potentiometer, 1 XL variodenser G, 24 Eby binding posts, 1 7x24 panel, 1 12x17 sub-panel, 1 S-M 329 power transformer, 1 S-M 331 unichoke, 1 S-M 325 filament transformer, 1 S-M 511 tube socket, 1 pair S-M 540 brackets, 1 .14-mfd. condenser block, 1 Ward-Leonard 659 resistor, 1 12x7 sub-base.

Total List. $147.00 No. B7036. YOUR PRICE..... $86.54

New Remler Best Shielded Grid Super



THE very latest Remler Circuit designed by Gerald M. Best as described in Radio and the Call Book.

The new Superheterodyne uses nine tubes of which four are of shielded grid type. The shielded grid tubes revolutionize radio reception. They have an amplification factor far higher than ever before attained. The amplification factor is 250 as against 6 to 8 of the ordinary 201A. Enormous amplification of the faintest signals result in long distant reception with full loud speaker volume.

No other circuit has ever been devised with as much gain per stage as is obtained with the new Remler Best Super. Two shielded grid tubes are used in the tuned R.F. circuit and two more in the intermediate frequency circuit.

COMPLETELY SHIELDED

Each individual tuned and intermediate frequency stage is completely shielded with the new Remler shield. Total shielding permits the use of the shielded grid tube to greatest efficiency for the new tube when properly shielded is non-oscillating even when operating at the peak of efficiency.

SHARP — SELECTIVE

Ten kilocycle selectivity and separation is actually possible with the new Super. Complete separation of all stations. Sharply tunes out all interference. Highly sensitive to the weakest signals.

As the new tubes draw very little current, this nine tube Super can be operated with any standard eliminator or with "B" batteries.

SIMPLIFIED CONTROL — EASY TO OPERATE

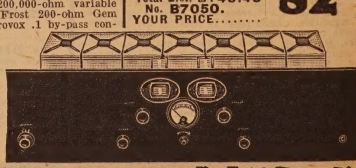
The main tuning control consists of the two Remler illuminated drum dials. The shielded grid tubes are non-oscillating and the receiver, though sensitive, is not critical and very easily controlled.

List of Parts

One 7x26 panel, 1 11x26 baseboard, 7 Remler No. 720 shielding cases, 2 Remler No. 110 drum dials, 1 Remler No. 633 condenser, 1 Remler No. 638 condenser, 1 Remler No. 550 interchangeable inductance, 1 Remler No. 570 interchangeable inductance, 2 Remler No. 560 interchangeable inductance, 1 Remler No. 612 interchangeable inductance 115 K.C., 2 Remler No. 614 interchangeable inductance 115 K.C., 16 Remler No. 50 sockets, 1 Frost jack, 3 Remler No. 61 resistance mountings, 1 Yaxley No. 660 cable connector plug, 1 Jewell meter 0-5 volts, 1 Remler No. 502 antenna compensator, 1 Remler No. DK-10 knob, 2 Remler No. 750-12 knobs, 2 S-M No. 220 audio transformers, 1 Frost 10-ohm Gem rheostat, 1 Frost 200,000-ohm variable high resistance, 1 Frost 200-ohm Gem potentiometer, 7 Aerovox .1 by-pass condensers, 3 Aerovox .00025 condensers, 1 Aerovox .0005 condenser, 1 Aerovox .006 condenser, 1 Aerovox .005 condenser, 1 Aerovox .0001 condenser, 1 Aerovox .00005 condenser, 4 Remler No. 35 choke coils, 2 Eby binding posts, 1 Frost 2-ohm fixed resistor, 2 Durham 3-meg. leaks, 1 Durham 2-meg leak.

Total List. $140.45 No. B7050. YOUR PRICE..... $82.59

No.		List	NET
B7025.	Remler No. 550 Inter'able Ind.....	$3.00	$1.77
B7026.	Remler No. 551 Inter'able Ind.....	3.00	1.77
B7027.	Remler No. 570 Oscillator Ind.....	4.50	2.65
B7028.	Remler No. 560 Inter'able Ind.....	3.00	1.77
B7029.	Remler No. 561 Inter'able Ind.....	3.00	1.77
B7030.	Remler No. 612 Inter'able Ind.....	4.00	2.35
B7031.	Remler No. 614 Inter'able Ind.....	4.00	2.35
B7032.	Remler No. 54 Tube Case.....	1.00	.59
B7033.	Remler No. 55 Tube Case.....	2.00	1.17
B7034.	Remler No. 56 Tube Case.....	1.00	.59
B7035.	Remler No. 720 Shield.....	3.00	1.77



Remler

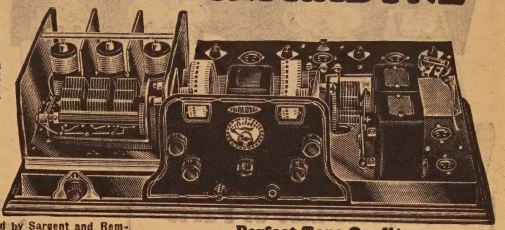
1928 REMLER DX INFRADYNE

New Improved Infradyne Model

Described and specified in "Radio," "Citizens' Radio Call Book," "Radio Review and Listeners' Guide," and other leading publications.

No. B8866. Total List Value $180.00

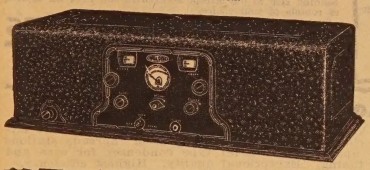
Your Price $105.75



LATEST 10-tube Infradyne developed by Sargent and Remler. New powerful circuit easily constructed with factory-built appearance and precision. **Incorporates the latest developments in high grade, accurate apparatus.** Basically a combination of the Remler Infradyne Amplifier, a three-stage high frequency R.F. unit tuned and matched at the factory and the new Remler tuned radio frequency amplifier. A compact unit incorporating two stages of radio frequency and detector with the new Remler three-in-line condenser completely shielded in a copper case. **New, remarkable achievement in tuned radio frequency amplification.** Remler three-in-line condenser tunes both tuned R.F. stages and detector simultaneously.

Powerful, Selective Reception

The new Infradyne is the most powerful of all radio circuits. Selective and sharp tuning. **May be operated as a five-tube simplified control tuned R.F. set** for local reception or as a powerful ten-tube receiver for coast-to-coast distant reception at will by the flick of a switch.



Perfect Tone Quality

Uses the new Silver-Marshall audio transformers giving equal amplification at all frequencies for perfect reproduction. **Wonderful, full, natural tone.** May be used with power tubes and with highest voltage. **Output transformer protects speaker from damage by heavy current.**

Simplified Control

Illuminated drum control with the Remler drum dials. Full 360° rotation for greatest separation. Only two main tuning controls. **Attractive window and panel plate.** Compact dash board type attractive etched copper control panel.

Copper Cabinet

Revolutionary cabinet development. Pure sheet copper richly embossed and finished in two tone bronze crystal lacquer. Furnished with decorated wood base size 11x26 in. Pressed steel chassis punched for mounting all apparatus. Anyone can assemble and complete this wonderful, astounding, powerful receiver as a duplicate of the laboratory model **in a few hours' time. Furnished with complete, simple layout diagram.**

Complete List of Parts

1 Remler Infradyne Foundation Unit—contains all essential parts for the new Infradyne including bronze control panels, Remler drum dials, sockets, chokes, condensers, battery switch, resistance and all miscellaneous parts. 1 Remler Radio Frequency Amplifier—completely wired three-stage shielded amplifier with antenna compensator. 1 Remler Infradyne Amplifier. 1 Remler Infradyne Cabinet and Base. 2 S-M 220 Audio Transformers. 1 S-M 211 Output Transformer. 1 Jewell 0-5-volt Voltmeter.

Tubes for the Infradyne are 5 type 301A, 4 type X199, and 1 type 112 or 1 171.

Infradyne Foundation Unit

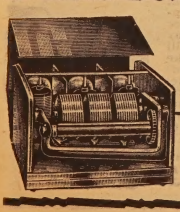
Kit containing all that is needed for the construction of the Infradyne receiver except the radio frequency amplifier, the transformer, voltmeter, Infradyne Amplifier and cabinet.

No. B3803. List, $52.00. YOUR PRICE $30.58

Infradyne Cabinet and Base

The cabinet is pure sheet copper embossed in two-tone bronze crystal lacquer with decorated wood base. Size 11x26 in.

No. B8867. List, $15.00. YOUR PRICE $8.82



Remler R. F. Amplifier

A copper shielded single-dial control R.F. amplifier, completely wired. Compact unit incorporating two stages of radio frequency and detector. Can be used in combination with any audio stage for single-control tuned radio frequency receiver. **Antenna compensator included permits complete equalization.**

No. B3804. List, $55.00. YOUR PRICE .. $32.34

Remler Choke

Radio frequency choke coil used in the Infradyne and adaptable for use in any radio frequency circuit. Confines radio frequency current to the circuits in which they are intended.

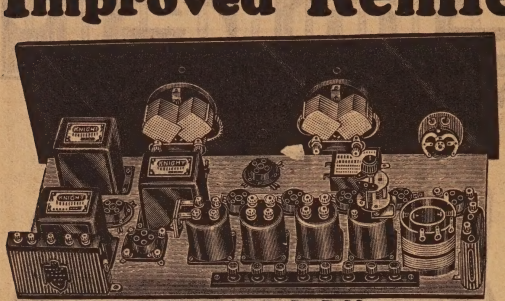
No. B2031. List, 90c. YOUR PRICE..... 54c

Remler Infradyne Amplifier

A three-stage radio frequency unit specified for the Remler Infradyne and also adapted for use in connection with practically all standard sets of the tuned radio frequency and neutrodyne type. For tubes of the CX299 type.

No. B3802. Retail List, $27.50. YOUR PRICE $16.17

Improved Remler Best Super Nine



Attaining World Records

THE old reliable Remler Best Super 8 has developed into the new Remler Best Super 9. It is improved, modernized and offered as the ultimate in Superheterodyne development. It is tremendously popular.

Complete List of Parts

1—Bakelite 7x21 drilled panel.
1—9x20 baseboard.
3—Remler 600 intermediate transformers.
1—Remler 610 tuned filter transformer.
2—Remler twin rotor .0005 condensers.
2—Kurz Kasch aristocrat port vernier dials.
1—620 oscillator coupler.
1—4½ volt C battery.
1—7½ volt C battery.
2—Benjamin UX cushion sockets.
7—Bakelite UX sockets.
1—6 ohm rheostat and filament switch combined.
1—20 ohm rheostat.
2—Amperites, type 112.
1—Mica .006 condenser.
1—Mica .00025 condenser.
1—Mica .00025 grid condenser.
1—Grid leak 2 meg.
1—Midget condenser.
1—Bakelite strip with 8 binding posts.
4—C battery brackets.
1—By pass condenser 1 mfd.
1—Knight K200 transformer.
1—Pair Knight push pull transformers.
2—Phone tip jacks.
1—Diagram, blue prints, layout, bus bar.

Accessories Required

The following accessories are required and may be chosen from other pages of this catalog:

1—Cabinet for 7x21 panel.
6—199 type tubes.
2—112 or 171 tubes.
3—45 volt "B" batteries or
1—Super "B" eliminator.
1—Box or hex type loop.
1—6 volt storage battery.
1—Drum or cone speaker.

Powerful Push-Pull Amplification

The new improved model with its new system of push-pull wave power amplification sets a new standard for quality radio reception. It is practically impossible to overload the new amplifier or cause it to distort.

Finest Tone Quality

Let alone the extraordinary distance-getting values, this receiver when constructed will give the most tremendous volume, the best quality of tone that one might desire. For clarity and volume it is unsurpassed.

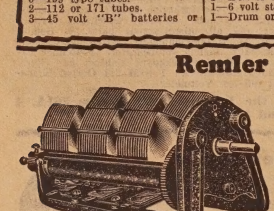
Efficient Remler intermediate transformers, matched and peaked at 45 kilocycles. Sharp tuning, selective, and will cut through local stations with ease. New genuine Remler twin rotor condensers. New Knight transformers.

Easy to Wire

Furnished with full size layout and wiring diagram. Easy to assemble and simple to wire. Complete with all parts. Nothing else to buy except accessories and 7x24 in. cabinet or console of your choice.

No. B8820. Retail Price, Complete List of Parts, $85.00. YOUR PRICE **$44.75**

Remler Twin Rotor Condensers



Nationally known popular condensers specified for all the latest kits and circuits. Full 360 deg. rotation. Spreads stations twice as far apart as the usual type condenser for ease and simplicity of tuning. Exceptional quality. Highest efficiency.

Single Condensers

No.		
B3100.	.00035	SLW
B3101.	.0005	SLW
B3102.	.0001	SLF
B3103.	.00035	SLF
B3104.	.0005	SLF

List, ea. $5.00. YOUR PRICE **$2.24**

Without Dial

2 in Line Condensers

Two gang condensers furnished in .00035 type only.

No. B3106. 2 in line SLW .00035.

No. B3107. 2 in line SLF .00035.

List, each $12.00. YOUR PRICE **$7.05**

3 in Line Condensers

Furnished in .00035 type only.

No. B3108. 3 in line SLW .00035.

No. B3109. 3 in line SLF .00035.

List, each $15.00. YOUR PRICE **$8.82**

Remler Intermediate and Filter Transformers

Genuine Remler essentials. Used in the new Remler Best Super 9 and the new Best 45 Kilocycle Superheterodyne. Adaptable to all superheterodyne circuits for greater efficiency, sharper tuning and powerful reception. The most popular long wave transformers of them all. Tuned and matched sharply at 45 kilocycles.

No. B2127. 600 Intermediate Transformer. List, $6.00. YOUR PRICE..... **$3.53**

No. B2128. 610 Tuned Filter. List, $5.00. YOUR PRICE..... **$2.94**

No. B2129. 620 Oscillator. List, $3.50. YOUR PRICE..... **$2.05**

Remler Drum Dial

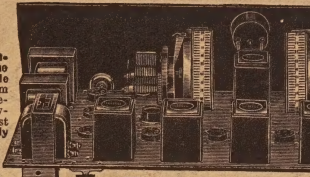
New vernier drum dial will give factory built appearance to any kit or circuit. Specified for many of the new receivers. Will take any standard make condenser. Simplifies tuning. Mounts behind panel with only window escutcheon plate and tuning knob protruding. Illuminated with miniature 6-volt lamp.

No. B2242. Universal. List Price $4.50. YOUR PRICE **$2.65**

New World's Record Super 10

Most Powerful Receiver

THE new feature circuit employs the new Scott Selectone units and the new Remler triple condenser. The new Remler drum dials enhance its attractive design. Keen, non-critical selectivity. Cuts through the most crowded districts with practically full local volume. Holds world's record for greatest distance with loop aerial. Holds world's record for greatest number of stations heard at a distance of 6000 miles or more. Many other records all verified and attested.



Holds All Principal World's Long Distance Records

Tremendous Undistorted Volume

The new 10-tube Super powerfully amplifies the weakest signals, and without distortion. Does not overload or cause harshness or chattering. Wonderful tone quality. Natural with tremendous volume.

List of Genuine Parts:

1 Formica Panel, drilled and engraved, 26x7x3/16, $6.70; 1 Formica sub-panel, drilled, 25x18x3/16, $7.00; 1 Remler 3-in-line condenser, No. 633 .00035, $15.00; 1 Remler condenser, No. 638, .00035, $5.00; 2 Remler drum dials No. 110 (1 each 110 and 110R), $9.00; 2 Remler R.F. Choke Coils, No. 35, $1.80; 2 Thordarson audio transformers R200, $16.00; 1 Thordarson output transformer, No. 76, $6.00; 2 Selectone L.W. transformers, No. B500, $12.00; 2 Selectone L.W. transformers, No. B510; $12.00; 2 Selectone R.F. transformers, No. 520, $10.00; 1 Selectone antenna coupler, No. 530, $5.00; 1 Selectone oscillator coupler, No. 540, $5.00; 10 Benjamin sockets (without bases) $5.00; 1 pair Benjamin brackets, No. 8629, $0.75; 1 Carter rheo. IR-15-S ohms, $1.50; 1 Carter rheo., 30 ohms, $1.00; 1 Carter power rheostat MW-1 ohm, $0.75; 1 Carter Imp. Pot. IR-400 ohms, $1.25; 1 Carter fixed condenser, .00025 with grid clips, $0.50; 1 Carter fixed condenser, .002, $0.50; 1 pair No. 10 Carter pin jacks, $0.20; 1 SM balancing condenser, No. 340, $1.50; 1 Jewell Voltmeter, 0-8 volts, Pat. 135, $7.00; 4 Tobe by-pass condensers, 1 mfd., $3.60; 1 Tobe grid leak, $0.50; 1 Jones 10-contact plug and 4-ft. cable, type B.M., $3.50; 40 Kellogg soldering lugs, $0.25; 30 ft. Belden rubber covered hook-up wire, $0.25; blue prints, $0.25.

No. B8811. Your Net Price $90.22

Less 2%

Total List Price $139.50

YOUR PRICE

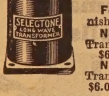
$82.80 Net

Easy to Assemble

Complete building instructions. Full size diagrams. Quality apparatus simple to mount and build that anyone can assemble as an exact duplicate of the laboratory model. **One of the most astounding receivers of the season.**

List of Genuine Parts

New Selectone Transformers



For Baseboard Mounting. Furnished in matched sets.

No. B1149. R400 Intermediate Transformer. List, $6.00. NET..... **$3.53**

No. B1150. R410 Tuned Filter Transformer. List, $6.00. NET..... **$3.53**

No. B1151. Oscillator Coupler. List, $3.50. NET **$2.06**

New Matched Selectone Units

For Sub-Panel Mounting

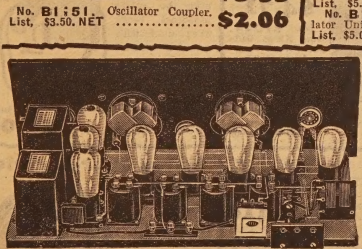
No. B1144. Selectone B500 Intermediate Transformer. List, $6.00. NET..... **$3.53**

No. B1145. Selectone B510 Tuned Filter. List, $6.00. NET..... **$3.53**

No. B1146. Selectone B520 Radio Frequency Transformer. List, $5.00. NET..... **$2.94**

No. B1147. Selectone B530 Antenna Coupling Unit. List, $5.00. NET..... **$2.94**

No. B1148. Selectone B540 Oscillator Unit. List, $5.00. NET..... **$2.94**



2—Remler condensers No. 631 $10.00
1—Hammarlund midget condenser .00005 ..... 1.80
2—Selectone transformers R400 ..... 12.00
2—Selectone transformers R410 ..... 12.00
1—Selectone Oscillator coupler No. 340 ..... 3.50
2—S-M audio transformers No. 220 ..... 16.00
2—Tobe by-pass cond., 1 mfd. 1.80

Complete List of Genuine Parts:

8—Benjamin sockets..... $6.00
1—Carter fixed condenser .002 .50
1—Carter H1 - Ohm 500,000 ohms 2.00
1—Carter rheostat IR-30..... 1.00
1—Carter rheostat IR-6-S.... 1.50
1—Carter fixed resistance, 1½ ohm ..... .25
3—Carter tip jacks No. 10.... .20
1—Carter jack No. 1..... .25
3—X. L. binding posts..... $ 0.45
2—Kurz Kasch dials..... 4.00
1—Bakelite panel 7x24x3/16.. 3.94
1—Wood baseboard 9x23.... 1.00
Bus bar and lugs..... 1.00
Blue print ..... .50
Retail list Price..... 79.69

No. B8812.
Net $51.80
Less 2%
YOUR PRICE, **$49.50**

New World's Record SUPER 8

THE popular renowned Super 8 greatly improved for superior tone quality and ease of operation employs standard Selectone base mountting long wave transformers. Brings in distant stations during any night of the week when weather conditions are reasonably normal. Powerful, selective with wonderful tone quality.

Simple to Build and Construct

Full size diagrams furnished. Simple layout. Anyone can build it. Tube for tube, one of the most efficient eight-tube circuits ever designed.

New Karas 2-Dial Equamatic

THE new Karas Two-Dial Equamatic is completely balanced and perfectly neutralized, insuring ease in tuning and marvelously simplified control with equal and maximum efficiency over the entire broadcast wave band. Improved tone. Greater efficiency. Simplified tuning. Perfect control. The popular equamatic circuit has been vastly developed. Fully neutralized. Constant, automatic coupling.

Unlike many other improved kits, is not simply improved in minor details. The new Karas S.L.F. condensers have removable shaft, cone bearings and greater efficiency. Has a new and novel method of neutralization without loss of efficiency on high wave lengths and is sure to prove the most popular.

Has the new Karas audio transformers and output filter. Eliminates the unpleasant, harsh, undesirable chattering of the speaker, due to the excessive "B" battery voltage. Requires 7x24 Cabinet.

Simplified Two Dial Tuning

Two tuning condensers are on a single dial. Perfect dual control of three stages without back lash, or mechanical losses. Tuning to one thousandth of an inch with the new Karas micrometric dials is extremely simple. 5 tubes operating to peak efficiency insure results equivalent to 7 and 8-tube receivers.

Buy only this List of Genuine Parts

2 Karas type 28 Audio Transformers $16.00
1 Karas Output Filter 8.00
3 Karas type 17 Variable Condensers 15.75
3 Karas Equamatic Coils 12.00
2 Karas Micrometric Dials, 0-100. 7.00
3 Karas Sub-Panel Brackets ..... .70
1 Karas Control System with Hardware 3.00
2 Karas R.F. Chokes 5.00
1 Engraved Bakelite Panel, 7x24.. 6.50
1 Bakelite Drilled Sub-Panel, 9x23. $4.15
1 Carter 10-ohm Rheostat 1.00
1 Carter 20-ohm Rheostat 1.00
1 Yaxley Interstage Switch 1.75
2 Carter Tip Jacks ..... .20
1 Sangamo .00025 Fixed Condenser with clips ..... .50
1 2-meg. Grid Leak ..... .45
2 Carter 2-ohm Resistances ..... .50
1 Yaxley or Jones B.M. Cable Plug 3.50
5 Benjamin Cushion Sockets 3.75
2 Samson Neutralizing Condensers. 3.50
2 Sangamo .0001 Fixed Condensers. $0.80
1 Sangamo .006 Fixed Condenser .. .85
2 Sangamo .001 Fixed Condensers. 1.00
Bus Bar—Soldering Lugs—Diagram 1.00

Total Retail $97.90
No. B8803 Your Price $56.98

New Karas S. L. F.

Has removable shaft, allowing for sub-panel, baseboard or single-hole mounting and for gauging up of condensers in 2, 3 or larger units. For either counter or clockwise dials.

		List	YOUR PRICE
No. B1048.	.00025	$5.00	$2.94
No. B1047.	.00037	5.25	3.09
No. B1046.	.0005	5.50	3.23

New Karas Audio Transformer

No. B1045. New Karas Audio Transformer. List, $8.00 YOUR PRICE, **$4.71**

No. B1044. New Karas Output Filter. List, $8.00 YOUR PRICE, **$4.71**

No. B1043. Karas Harmonik Transformer. List, $5.00. YOUR PRICE **$2.94**

Equamatic Coils

Scientifically designed for equal constant coupling over the entire broadcast range when used with extended shaft condenser.

No. B1042. Set of 3 Equamatic coils including all necessary hardware for mounting. List, $12.00. YOUR PRICE **$7.06**

Karas Orthometric

Karas Orthometric. Popular scientifically designed orthometric straight line frequency variable condenser.

		List	NET
No. B1041.	.00037	$6.75	$3.97
No. B1040.	.0005	7.00	4.12
No. B1039.	.0001	6.50	3.82
No. B1038.	.00014	6.50	3.82
No. B1037.	.00025	6.50	3.82

Extended Shaft for Equamatic

		List	NET
No. B1036.	.00037	$7.00	$4.12

No. B1035. Karas Equamatic Retard Coils. List, $1.00. NET **59c**

No. B1034. Karas Sub-Panel Brackets for Equamatic set of 3. List, 70c. NET **41c**

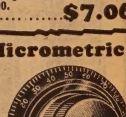
No. B1033. Karas Two-Dial Control System. List, $3.00. NET **$1.77**

No. B1032. Karas Radio Frequency Choke, 100 Millihenry. $2.50. NET **$1.47**

No. B1031. Engraved 7x24 bakelite panel for Equamatic. List, $6.50. NET **$3.82**

No. B1030. Drilled 9x23 bakelite sub-panel for Equamatic. List, $4.15. NET **$2.44**

Karas Micrometric Dial



Perfect vernier dial without back lash. Ratio 63 to 1. Can be mounted on any set with any condenser. No extra holes to drill. Diamter, 4½ in.

No. B1029. Clockwise, 360°. List, $3.50. YOUR PRICE **$2.06**

No. B1028. Counter Clockwise, 180°. List, $3.50. YOUR PRICE **$2.06**

New Karas A. C. Electric Equamatic

No Batteries—Operates from the Electric Light Socket

The new Karas A.C. Equamatic is a completely balanced and perfectly neutralized five-tube A.C. kit using standard R.C.A. or Cunningham A.C. tubes of the 226, 227 type.

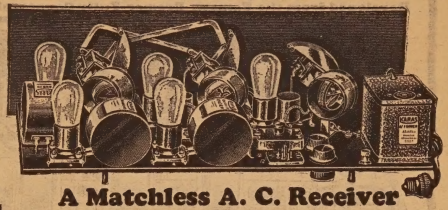
Built-in Filament Supply

All of the "A" filament supply for this marvelous new set is furnished by the new Karas A-C-Former. This is built right into the set and is furnished with cord and plug. The new A.C. Equamatic requires only a standard "B" eliminator to operate it direct from the light socket. No additional filament heating transformers or appliances of any sort.

The A.C. Equamatic does away with all need for batteries and chargers. The Karas A-C-Former provides a constant, noiseless and unvarying filament supply direct from the light socket. This is accomplished without sacrifice of the matchless tone, remarkable selectivity and amazing distant getting qualities and tremendous volume for which the Karas two-dial Equamatic has become famous.

Remarkable Tone-Power

Completely electrified with an A. C. operated power tube in the last stage. No distortion. The power tube is followed by an output transformer, keeping the heavy current out of the speaker, improving tone quality and protecting the speaker.



A Matchless A. C. Receiver

LIST OF PARTS

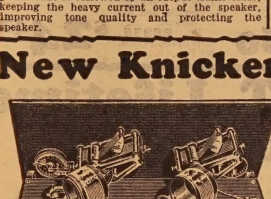
One Karas A-C-Former, type 12; 2 Karas audio transformers, type 28; 1 Karas output filter; 3 Karas variable condensers, type 17; 3 Karas equamatic coils; 2 Karas micrometric dials, 0-100; 3 Karas sub-panel brackets; 1 Karas control system; 1 Yaxley cable plug; 1 fixed resistor, 2000 ohms; 1 Electrad royalty variable resistance; 4 Benjamin No. 9040 sockets; 1 Benjamin No. 9036 socket; 1 Durham grid leak; 2 Hammarlund type 85 chokes; 2 Samson neutralizing condensers; 1 Carter power switch; 1 Carter MW 75 Midget rheostat; 1 Carter MW 1/5 Midget rheostat; 1 Carter MW 2000-ohm potentiometer; 1 by-pass condenser; 2 fixed condensers, .00015; 1 fixed condenser, .006; 1 grid condenser, .00025; 2 Carter No. 10 tip jacks; 1 7x24 drilled and engraved panel; 1 9x23 sub-panel; 1 XL binding post.

Total List Price $114.25

No. B7056 YOUR PRICE $67.18

New Knickerbocker Four

AUTOMATIC REGENERATION



A simple, inexpensive, easily constructed four-tube receiver embracing unusual features of sensitivity, selectivity and distance getting ability not usually found in many of the higher priced sets.

The knickerbocker 4 incorporates the well known advantages of sets employing one stage of tuned radio frequency with regenerative detector. This circuit employs the additional feature of automatic regeneration control. An ingenious combination of automatically varying the tickler coil with the condenser adjustment eliminates a critical adjustment, simplifies tuning and reduces the number of major tuning controls from three to two.

LIST OF PARTS

One Karas antenna coupler; 1 Karas 3-circuit tuner; 2 Karas Harmonik transformers; 2 Karas .00037 extended shaft orthometric condensers; 2 carter 20-ohm rheostats; 1 Carter filament switch; 2 Amsco pin jacks; 1 Samson No. 85 choke; 1 Samson neutralizing condenser; 4 UX sockets; 1 .0001 fixed condenser; 1 .00025 grid condenser; 1 2-meg. grid leak; 2 4-ohm resistances; 2 Karas micrometric dials; 1 7x18 panel; 1 9¾x17 baseboard; 1 binding post strip; 7 XL binding posts.

Total List Price $57.35

No. B7057 YOUR PRICE $33.70

New Silver-Marshall Two Stage Amplifier

Completely A. C. Electrified

The new two-stage power amplifier may be attached to any set and plugged into the light socket for instant operation. Consists of a stage of audio amplification with the new 226 A.C. tube followed by a powerful stage of push-pull amplification using two 210 power tubes. Tremendous power. Astounding tone quality.

Electrical Phonograph Reproduction

The new two-stage amplifier is admirably adapted for use as a power amplifier with any standard pickup and phonograph to amplify and reproduce the phonograph records through the loud speaker with marvelous tone quality, even superior to the new electrical phonographs recently introduced.

Furnishes its own ABC power supply. It is just the amplifier for use with the new two-tube tuners and is particularly recommended for use in conjunction with the new Silver-Marshall Universal or the new Browning-Drake Two-Tube Tuner. Will supply complete ABC power to two-tube tuner without need of additional eliminators or filament heating transformer. With larger A.C. sets of the six and seven-tube variety, it will be necessary to use an additional filament transformer.

Supplies BC power to any radio receiver and will furnish constant flow of quiet, humless power for operation of the largest sets. Employs voltage regulator tube for maintaining unfluctuating voltage output regardless of load or line variation.

No. B1570. S-M 682-210 Two-Stage Amplifier Kit. **List, $97.75. YOUR PRICE.. $57.48**

No. B1571. S-M 682-210 Two-Stage Amplifier, completely wired. **List, $107.75. YOUR PRICE.. $63.36**

Tubes for the S-M 682-210 Two-Stage Amplifier: 1 UX-226 A.C. Amplifier, 2 UX-210 Power Tubes, 2 UX-281 Rectifiers, 1 UX-874 Voltage Regulator.

Silver-Marshall Single Stage Push Pull Amplifier

The new improved push-pull Unipac. The improved S-M 210 Unipac. A stage of push-pull amplification with two 210 power tubes in the new S-M crackle finished case.

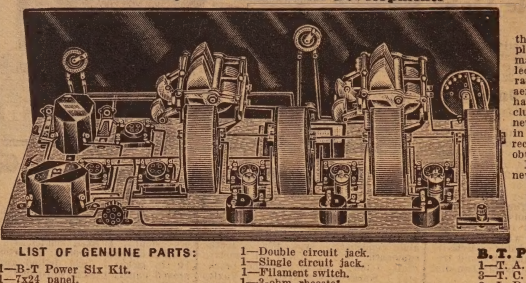
No. B1573. S-M 681-210 Push-Pull Amplifier Kit. **List, $83.25. YOUR PRICE..... $48.95**

No. B1574. S-M 681-210 Single Stage Amplifier, fully wired. **List, $93.25. YOUR PRICE $54.83**

Tubes for the 681-210: 2 UX-210 Power Tubes, 2 UX-281 Rectifiers, 1 UX-874 Voltage Regulator.

Bremer-Tully New A. C. and D. C. Power Six Kits

Developed from the Famous Bremer-Tully Counterphase Six. Contains Many New Remarkable Developments



Simplified Control

The new power six employs three stages of tuned R. F. amplification. The additional stage makes possible for greater selectivity and greater receiving range with a short or inside aerial. The number of controls have been reduced to two. Includes power tube output. The new power tubes may be used in the output stage. Improved reception and tone quality is thus obtained with greater volume.

Many new features, including new balancing condensers, Jones Multi-Plug, universal sockets and wiring harness. Easy to build and assemble with the complete instructions and wiring diagram and the color coded wiring harness.

LIST OF GENUINE PARTS:

1—B-T Power Six Kit.
1—7x24 panel.
1—Baseboard.
1—B-T 3-31 Audio Coupler.
1—B-T 2-22 Audio Coupler.
2—B-T Tuning Controls.
1—.001 mfd. fixed condenser.
1—.00025 mfd. fixed condenser.
3—.006 mfd. fixed condensers.
2—1 mfd. fixed condensers.
1—2 meg. grid leak.
6—B-T UX sockets.
1—Double circuit jack.
1—Single circuit jack.
1—Filament switch.
1—3-ohm rheostat.
1—Single-pole, double throw jack switch.
6—Binding posts and mounting strips.
2—4½-volt "C" Batteries.

No. B8836. Lugs, screws and Hookup Wire. Shp. wt., 18 lbs. **List Value, $77.75. NET $46.50**

B. T. Power Six Essential Kit

1—T. A. Torostyle Transformer.
3—T. C. Torostyle Transformers.
2—L. D. 17 Condensers.
3—B-T Mikro Mike Condensers.
3—B-T R. F. Chokes.
1—B-T 500,000-ohm Resistance.
3—1500-ohm Resistances.
1—Set colored charts and diagrams.

No. B8835. List Price, $41.50. NET $24.42

B. T. A.C. Power Kit

Power Six Electric

The famous Bremer-Tully Counterphase Power Six kit fully electrified. Operates without batteries. Unequalled tone—unequalled merits. Uses the new 226 and 227 R.C.A. or Cunningham A.C. tubes. Operates direct from the light socket. Requires only B-T Power Unit or any standard eliminator.

Long Range—Powerful Reception

Has all of the merits of the popular B-T Power Six with additional features of the new audio couplers and complete electrification.

List of Parts

One B-T A.C. Power Six Essential Kit; 1 B-T "A" power transformer; 1 7x24 drilled and engraved panel; 1 10x23 baseboard; 1 B-T 3-81 audio coupler; 1 B-T 2-22 audio coupler; 2 B-T tuning controls; 1 Carter double circuit jack; 1 Carter single circuit jack; 1 Carter 3 jack switch; 4 Dubilier .006 condensers; 1 Dubilier .00025 grid condenser; 3 Dubilier 1 by-pass condenser; 1 2-megohm grid leak; 5 UX sockets; 1 5-prong socket; 6 Eby binding posts; screws, lugs, wire etc.; 1 wiring diagram.

No. B7023. Total List, $90.00. YOUR PRICE $52.95

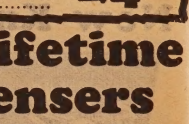
B. T. A. C. Power Six Essential Kit

One B-T T.A. Torostyle transformer; 3 B-T T.R.C. Torostyle transformers; 2 B-T LD17 condensers; 3 B-T R.F. chokes; 3 B-T Mikro-Mike condensers; 1 B-T 625-ohm fixed resistance; 1 B-T 40-ohm tapped resistance; 2 B-T 8-ohm tapped resistance; 1 1500-ohm fixed resistance; 1 B-T 25,000-ohm volume control; 1 toggle switch; 1 set full size diagrams.

No. B7024. List, $42.00. YOUR PRICE $24.70

B. T. Lifetime Condensers

Constructed of the finest materials and have an adjustable life-time bearing. Single-hole mounting. Pig-tailed rotor. Grounded frame. Heavy aluminum plates and ends.



STRAIGHT LINE WAVE LENGTH

B1162.	.00015	$4.25	**$2.50**
B1163.	.00025	4.50	**2.65**
B1164.	.00035	4.75	**2.80**
B1165.	.0005	5.00	**2.96**

STRAIGHT LINE FREQUENCY

B1166.	.00025	$5.50	**$3.24**
B1167.	.00035	5.75	**3.37**
B1168.	.0005	6.00	**3.52**

Multiple Condenser

Double condenser unit specified in the Counterphase. Consists of 2 .00035 units mounted on one shaft. Has trimmer compensators on each section.

No. B1169. Double unit. **List, $9.50. NET $5.58**

B. T. Torostyle Transformers

Specified for the patented Counterphase Six. May be mounted close together. No losses. Substantially constructed.

No. B1175. Type T. A. Antenna Coupler.

No. B1176. Type T. C. for intermediate R.F. stages.

No. B1177. Type 4A for 4-tube sets. **List, $4.00... $2.35**

B. T. Tuning Control

Finely finished and splendid looking. Makes possible the finest degree of adjustment. One-half graduated 0 to 100 and the other 100 to 0. Used with any type condenser—clockwise or counter-clockwise.

No. B1170. List, $2.50. $1.47

B. T. R. F. Choke Coil

Used to prevent R.F. current from entering the audio circuit. Should be used with all R.F. receivers. Specified in many kits.

No. B1171. List, 90c. NET 53c

B. T. 3-Circuit Tuners

Bank-wound, skeleton frame, adjustable primary. Single-hole or base mount. Tuned with .00025 condenser.

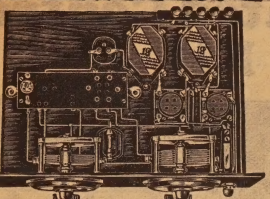
No. B1172. Type B. 200 to 565 meters. **List, $5.00. NET..... $2.94**

No. B1173. Type SW. 50 to 150 meters. **List, $4.00. NET..... $2.35**

B. T. Mikro Mike Condenser

Has range of from 1½ to 30 mmf. Used in the Counterphase. Can be accurately adjusted with ease.

No. B1174. List Price, $1.00..... 59c



New Bremer Tully Short Wave Kit

A complete B. T. Short Wave Kit. All the parts for building a highly efficient three tube short wave receiver with interchangeable plug-in coils. Four interchangeable coils cover the range from 15 to 200 meters. Additional coils available for covering the broadcast range.

The detector unit is completely wired to insure accuracy and uniformity. It includes a non-microphonic socket arrangement.

Coast to coast amateur and foreign long wave reception is possible on short waves.

LIST OF PARTS

1—B.T. Shortwave outfit	$11.00
1—B.T. .000125 type L7 condenser	4.25
1—B.T. .00025 type L13 condenser	4.50
1—B.T. R.F. choke	.90
1—B.T. 2-23 audio coupler	6.00
1—B.T. 3-31 audio coupler	6.00
1—4 ohm fixed resistance	.15
1—2 ohm fixed resistance	.15
1—Filament control jack	1.00
1—Filament switch	.60
1—.00025 fixed condenser	.35
1—5 megohm leak	.50
5—binding posts (A—, A+, B—, 90v.+, 45v.+)	.75
1—Set blue prints and instructions	.50
1—7x18 panel	4.50
1—0x17 base	.50

No. B7014
Total List $41.65
YOUR PRICE
$24.50

New B. T. Audio Couplers

A new type of audio unit. A new perfected audio coupler. More than a transformer—it introduces a new standard of tone quality. A superior and exclusive method of audio coupling. Replaces transformer, impedances or resistance coupling.

No. B7015. Type 3-31 Coupler for first stage.
No. B7016. Type 2-22 Coupler for first, second or third stage. **List, $6.00.**
YOUR PRICE **$3.53**

Bremer Tully A. C. Transformer

Filament heating transformer for A.C. tubes. Supplies A.C. current for UX 226 and 227 tubes. Also 5 volts for power tube.
No. B7021. List, $7.50. YOUR PRICE..... **$4.41**

Bremer Tully Speaker Coupler

New B. T. output coupler for improved tone quality and increased volume. The exclusive design of the new speaker coupler adapts it to use with any speaker. It protects the speaker winding from heavy current when power tubes are used. Makes possible the matching of tube and speaker impedances. Essential for use with power tubes. May be wired in set or connected externally with speaker. No rewiring required.
No. B7019. List, $7.50. YOUR PRICE..... **$4.41**

IMPROVED B. T. SHORT WAVE OUTFIT

The new B.T. Short Wave Outfit is a superior short wave essential kit. Uses a new method of antenna coupling which allows extremely fine adjustment. Four interchangeable coils cover from 15 to 200 meters. The detector unit is wired to insure accuracy and uniformity and it includes a non-microphonic socket arrangement. Tunes with one .00015 or .000175 and one .00025 condenser.

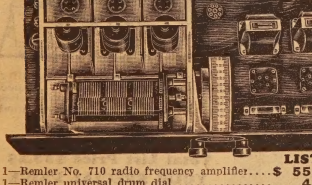
No. B7017. List, $11.00.
YOUR PRICE **$6.47**
No. B7018. Set of plug in broadcast coils to cover broadcast wave lengths.
List, $5.50. YOUR PRICE..... $3.23

B. T. Power Unit

A new improved fool proof power unit. Adaptable to all sets up to ten tubes including the use of 112 or 171 power tube. Fixed voltage taps eliminate guess work. No variable resistances. Plainly marked binding posts showing voltage outputs. Nothing has been spared by Bremer Tully in developing an efficient, noiseless and dependable power unit. It will supply up to 150 volts for power tubes.

No. B7020. List, $37.50 without tube.
YOUR PRICE **$22.05**

Raytheon BH tube will be found listed on tube pages of this book.



Unitune Symphonic

A new six tube high quality receiver of excellent merit. A combination of the finest quality instruments on the market resulting in a powerful instrument capable of giving exceptional results.

Single Control

Incorporates the new Remler 710 radio frequency amplifier unit and Remler drum dial. Three tuned stages with single control. Each stage carefully and accurately matched. Includes antenna compensator. Very finest tone quality with the Samson symphonic and Samson push pull transformers. Amplifies the full musical scale faithfully.

TREMENDOUS VOLUME, GREATEST SELECTIVITY and UTMOST SENSITIVITY

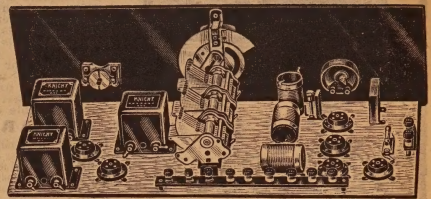
LIST OF PARTS

1—Remler No. 710 radio frequency amplifier	$ 55.00
1—Remler universal drum dial	4.50
1—Silver Marshall .000025 midget condenser	1.50
3—Frost sockets	1.20
1—Samson symphonic audio transformer	10.00
1—Samson push pull input transformer	5.50
1—Samson push pull output impedance	5.00
2—Frost tip jacks	.25
1—10 ohm rheostat with filament switch	1.25
1—Jones 7 contact P.M. multiplug	2.50
1—1A amperite	1.10
2—112 amperites	2.20
5—Eby binding posts	.75
3—Karas sub panel brackets	.70
1—7x24 front panel	6.00
1—10x23 sub panel	6.50
1—Set instructions, wiring diagram screws, lugs and wire	1.00
Total List	$105.00

B7022
Your Price **$61.70**

Single Illuminated Control 7-Tube Kit

LATEST, most popular modern development. Only one efficient tuning dial. Perfect ease of operation. Powerful, selective, sensitive with power amplification. **Even a child can tune in the distant stations with this newly developed receiver.** Space-wound inductances. Variable resistance oscillation and volume control. **Illuminated dial.** Tuning dial has translucent scale illuminated by a small 6-volt lamp and easily read through the attractive panel window. Wonderful tone quality. New Knight power transformer and Knight push-pull full-wave power transformers for use with the new 112 or 171 tubes. **Carefully engineered and offered as a kit, easy to assemble and simple to build.**

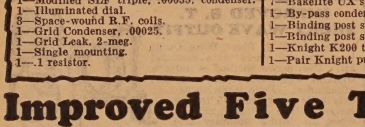


COMPLETE LIST OF PARTS

1—Bakelite 7x24 panel, drilled.
1—9x23 baseboard.
1—Modified SLF triple, .00035, condenser.
1—Illuminated dial.
3—Space-wound R.F. coils.
1—Grid Condenser, .00025.
1—Grid Leak, 2-meg.
1—Single mounting.
1—.1 resistor.
1—Variable resistance, 200,000-ohm, with switch.
1—Cardwell dual midget condenser.
7—Bakelite UX sockets.
1—By-pass condenser, .5.
1—Binding post strip with two posts.
1—Binding post strip with eight posts.
1—Knight K200 transformer.
1—Pair Knight push-pull transformers.

No. B8830
Total List, $65
YOUR PRICE
$22.95

Improved Five Tube Neutrodyne



GENUINE Hazeltine licensed neutrodyne parts. Newly developed, highly efficient, selective and powerful five tube receiver. **Simple to build and construct.** Free from oscillation, howls and squeals. Easily neutralized. The Neutrodyne circuit with its simplicity of operation is being adapted by more and more radio manufacturers. New improved parts. Latest developments. Selective and powerful with perfect reproduction. Full size layout diagram.

LIST OF PARTS

1—Bakelite 7x24 panel, drilled.
1—Neutrodyne Essential Kit with neutroformers, variable condensers and neutralizing condensers.
5—Bakelite UX sockets.
1—2-ohm rheostat with filament switch.
1—Modulator, 500,000-ohms.
2—Columbia transformers, 3½-1.
3—Bakelite dials.
1—Fixed condenser, .001.
1—Grid condenser, .00025
1—Grid leak, .2-meg.
1—Fixed condenser, .01.
2—Tip jacks.
1—Binding post strip with eight posts.
1—Binding post strip with two posts.
1—Wiring diagram.
Screws, wire, lugs, etc.

No. B8831, List Value $48
YOUR SPECIAL PRICE
$18.95

Popular Mechanics
Economy 9-Super

THE new 1928 superheterodyne circuit, described and specified in November Popular Mechanics. Designed particularly to meet the abnormal condition of the congested Chicago district. **Selective to the utmost degree, yet it is simple to tune and easy to handle.** The Remler twin rotor condensers with full 360° range separate stations easily. Fully shielded oscillator prevents possibility of pick-up or interstage coupling. Resistance coupled intermediate frequency amplification. Tuned stage filter of the highest perfected type. High amplification is secured with the new HI-MU tubes having extremely high amplification factor. Nationally known apparatus of quality. **Genuine specified parts throughout.**

COMPLETE LIST OF PARTS

One Bakelite 7x26 panel, drilled; 1 Bakelite 7x26 sub-panel; 1 pair S-M 540 brackets; 2 Remler .0005 condensers; 2 Remler dials, 636; 1 Frost 25-ohm rheostat; 1 Frost open-circuit short jack; 1 Frost filament switch; 1 S-M 342 midget condenser; 1 Benjamin UX cushion socket; 8 pkgs. American UX prong contacts, style A, with one steel template; 1 S-M 631 aluminum shield; 1 S-M 110A coil; 1 S-M 515 coil socket; 1 S-M 240 audio transformer; 1 S-M 211 filter transformer; 1 Sangamo or Tobe .0005 condenser with clips; 4 Sangamo or Tobe .0005 condensers; 2 Sangamo or Tobe .0025 condensers; 1 Sangamo or Tobe .00025 condenser; 1 Sangamo or Tobe .006 condenser; 1 Alcoa aluminum shield; 1 Tobe 1 mfd. condenser; 5 double resistor mountings; 5 Tobe tipon .25-meg. resistors; 5 Tobe tipon .01-meg. resistor; 1 Tobe 1. meg. resistor, 1 Tobe 2. meg. resistor; 2 Amperite 5A; 1 Amperite 1A; 1 Amperite 112; 1 wiring diagram, screws, lugs, wire, etc.; 4 lengths spaghetti tubing.

No. B8829
Total List Price $68.25
YOUR SPECIAL PRICE
$37.50

Improved 9 Tube Super

Our Own Special Offer

Thousands of Users Testify to this Wonder Kit

List Price Value $90.00

YOUR PRICE

34.50

STATIONS from coast to coast received from the loop or outside aerial! European stations during the Trans-Atlantic tests! That is the record of the quality of Super-Heterodyne which comes to you with drilled panel, low-loss straight-line condensers, peaked intermediate frequency transformers and finest quality parts obtainable. Fits into 7x30 cabinet. **THIS IS THE WONDER OF THE SEASON.**

New Features

Nine tubes functioning to peak efficiency. Powerful sensitive, selective and distortionless. The new nine-tube Super-Heterodyne will cut through powerful local stations and bring in the distant stations with full volume, perfect tone and enormous power.

Ultra Modern

New push-pull power transformers for full wave distortionless amplification. Adapted to the new power tubes. Wonderful results obtained with 112 or 171 power tubes in the push-pull power stage. Can even be used with the super-power 210 tubes. The volume and power amplification obtainable is enormous. Uses the new Knight K200 and Knight push-pull transformers. **The high efficiency and selectivity of the intermediate transformers is an established fact.**

Simplified Tuning

New modified straight-line frequency condensers spread the stations evenly over the full scale. Only one other control for volume.

Antenna or Loop

The nine-tube Improved DeLuxe Super can be furnished with antenna coupler for antenna operation, if desired. **Though powerful enough for distant reception with loop aerial, the selectivity of this remarkable receiver is in no way impaired when used with antenna.**

COMPLETE LIST OF PARTS

1—7x30 drilled panel
1—9x29 baseboard
2—Modified SLF .0005 condensers
1—Midget condenser
3—Intermediate transformers
1—Intermediate filter
1—620 oscillator
1—Knight K200 transformer
1—Pair Knight push-pull transformers
1—Carter 400-ohm potentiometer with switch combined
1—Carter .5-ohm fixed resistor
1—.5 mfd. by-pass condenser
1—4½-volt "C" battery
2—Benjamin UX cushion sockets
7—Bakelite UX sockets
1—Bakelite strip with three binding posts
1—Bakelite strip with eight binding posts
2—Phone tip jacks
1—Mica fixed condenser .0025
1—Mica grid condenser .00025
1—Grid leak, 2 meg.
1—Bracket for "C" battery

Retail List $90

No. B8817

YOUR PRICE . $34.50

No. B8818 Special Super for Antenna Operation Equipped with Antenna Coupler. YOUR PRICE..... $36.40

No. B8819. Either Super, complete with Mahogany Cabinet $39.90

Radynola Excello Set

THERE has been created a tremendous demand for the Radynola Excello Table model with built-in speaker and unit. Cabinet fully 7 inches long, hand-rubbed mahogany finished. This set is guaranteed same as the other sets we offer.

Wonderful Value

There is no question but the Radynola Excello 5 is a wonderful value with solenoid coils, straight-line condensers and sub-panel construction. Five tubes, great volume, wonderfully selective.

Specially Priced

We have priced this especially low in order to put you in position to make a bigger profit on the Excello. It is complete with built-in speaker and unit.

YOUR PRICE

No. B9052. List Price $60

$25.50

National Radio Apparatus

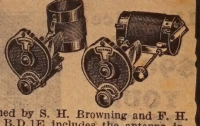
National Browning-Drake Coils

This R. F. transformer designed by G. H. Browning and F. H. Drake of Harvard University, actually produced over 90% of the mathematical amplification in tests. May be used in a R.F. amplifier and detector for one stage of R.F. amplification and regenerative detector with full and efficient control of feed back. **Genuine bakelite tubing threaded and space wound with enameled wire.**

No. B30C6. B.D. 1 National Browning-Drake Inductance Coil. List, $2.00. YOUR PRICE **$1.20**

No. B3007. B.D. 2 National Browning-Drake Tuner complete with mounting brackets. List, $6.50. YOUR PRICE.. **$3.85**

New National Tuning Units



Regenaformers Type B.D.1E. and B.D.2E. Both units are used in the official Browning-Drake kit. Genuine National tuning units equipped with the latest National equitune variable condenser. Designed by S. H. Browning and F. H. Drake, of Harvard. Type B.D.1E includes the antenna inductance with the new .0005 National equicycle condenser and National vernier type "B" dial mounted on base as a complete unit. Type B.D.2E combines the National space wound inductance with rotor coil and shaft with knob, new National .00025 equicycle condenser and National type "B" velvet vernier dial.

No. B3014. Type B.D.1E. List, $10.25 YOUR PRICE **$6.15**

No. B3015. Type B.D.2E. List, $13.75 YOUR PRICE **$8.10**

No. B3016. Illuminating Unit with bracket. List, 50c. YOUR PRICE **29c**

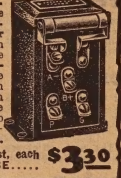
National Tone Filter

The plate voltages for new power tubes for fine quality of reproduction range from 150 volts upward. The tube and speaker manufacturers recommend passing the output to the speaker through a tone filter. This tone filter will carry as high as 35 mils. continuous without heating or deterioration. Keeps all D.C. out of the speaker windings and the quality of reproduction is improved. Matches other National units, crackle finished and with 5 ft. phone cord for instant attachment to any existing set. Dimensions 2⅝ in. wide by 4 in. deep by ¾ in. high.

No. B2033. List, $7.00. YOUR PRICE..... **$4.20**

National Impedaformer

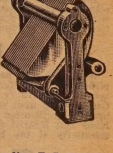
Type B



For quality amplification. Used in the official Browning-Drake kit set. Superior to all other types in quality of performance and efficiency. Include grid resistance mounted directly in brackets provided with each impedance. One first stage and two second stage impedaformers are required.

No. B3017. List, each $5.50. YOUR PRICE..... **$3.30**

New National EquituneVariable Condenser



An entirely new design incorporating features not found in any other type condenser. Rigid girder-frame construction with plates shaped to give modified straight line frequency separation over the entire scale. Perfect bearings. May be coupled in gangs. Equipped with National type B velvet vernier dial.

No. B3021. .00035. List $7.25. YOUR PRICE.... **$4.35**

No. B3022. .0005. List $7.50. YOUR PRICE.... **$4.50**

New National Velvet Vernier Dials

Type B and C

Beautiful Bakelite Vernier Dials which are easily mounted on any panel. Scale is read directly through window as shown. Smooth without back lash of any sort. The step down ratio is variable from 6-1 to 20-1. **This is a feature found in no other Vernier dials.** Friction drive. No gears. Type "B" is without lamp. Type C is illuminated.

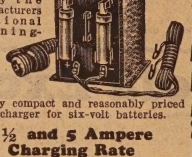
TYPE B NICKEL

No. B3008. Clockwise 200 to 0.
No. B3009. Counter clockwise 0 to 200.
No. B3010. Dual 0-100-0.
List Price, $2.50. YOUR PRICE..... **$1.50**

TYPE C NICKEL WITH BULB

No. B3011. Clockwise.
No. B3012. Counter clockwise.
No. B3013. Dual.
List Price, $3.00. YOUR PRICE..... **$1.80**

National Charger



The new National Duo Range Charger built by the manufacturers of National Browning-Drake apparatus provides an exceedingly compact and reasonably priced battery charger for six-volt batteries.

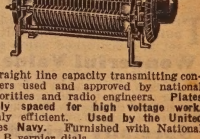
2½ and 5 Ampere Charging Rate

Uses the new Raytheon "A" rectifier. Used with one Raytheon cartridge rectifier for 2½ amp. charging rate or with two of the cartridges for 5 amp. rate. Delivers a tapering charge. The best way of charging storage batteries. Silent in operation with no moving parts whatever. Connect the terminals of the charger permanently to the battery and plug in the light socket.

No. B3018. Without Raytheon rectifier cartridges. List, $10.00. YOUR PRICE **$6.00**

No. B3019. National 2½ Amp. Charger. Uses only one Raytheon A Rectifier Cartridge. Full 2½ amp. charging rate delivering taper charge. Silent. Complete with cord, plug battery leads. Without Raytheon Cartridges. List, $7.00. YOUR PRICE **$4.20**

Transmitting Condenser



Straight line capacity transmitting condensers used and approved by national authorities and radio engineers. **Plates widely spaced for high voltage work.** Highly efficient. **Used by the United States Navy.** Furnished with National type B vernier dials.

No. B3023. .0001—23 plate, ⅜ in. spacing. List, $12.50. YOUR PRICE..... **$7.50**

No. B3024. .00015—17 plate, ⅜ in. spacing. List, $7.50. YOUR PRICE..... **$4.50**

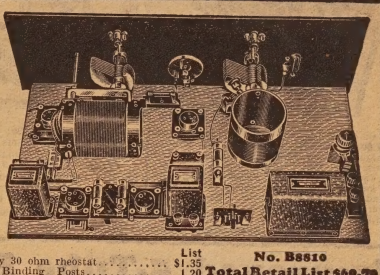
No. B3025. .00023—23 plate, ⅜ in. spacing. List, $11.50. YOUR PRICE..... **$6.90**

No. B3026. .00045—43 plate, ⅜ in. spacing. List, $16.50. YOUR PRICE..... **$9.90**

Official Browning Drake

Official Browning-Drake Kit

Official 5-Tube Receiver. In the history of radio no set or circuit has maintained the continued and great popularity of the Browning-Drake. Greater efficiency tube for tube than any other circuit. Latest improved model. Finest quality amplification. Sensitive, selective and powerful. Equal to most seven and eight tube sets. Easy to construct with the foundation unit including bakelite panel and bakelite subpanel, all drilled and all hardware. Simple to operate—easy to build.



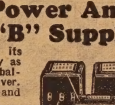
Complete List of Parts

	List
1—Browning-Drake Foundation Unit	$15.00
1—Browning-Drake Kit set or 1 National Tuning Unit BDIE and 1 National Tuning Unit BD2E	25.00
1—National Impedaformer 1st stage	5.50
1—National Impedaformer 3rd stage	5.50
1—1 Tobe Condenser	.90
3—.001 Tinytobe fixed condensers	.40
1—.00007 Tinytobe Grid Condenser	.50
1—Yaxley Filament Switch	.50
1—Yaxley 30 ohm rheostat	$1.35
8—Eby Binding Posts	1.20
1—Precise Midget .0001 Condenser	1.25
1—Browning-Drake Neutralizing Condenser	1.00
1—B-D Resistance Cartridge	.75
1—Amperite 5A	1.10
3—Resistances—Electrad or Lynch 1-1, 1-.25, 1-8 meg.	1.75
1—National Tone Filter	8.00

No. B8810
Total Retail List $69.70
YOUR PRICE
$42.25

National Power Amplifier and "B" Supply

Furnishes complete its own A, B and C supply as well as B supply for the balance of any radio receiver. For Raytheon B.H. tube and X-171 power tube. Tone filter matches Impedance to the power tube and protects speaker. 3 variable voltages ranging from 20 to 180 volts. **Easily installed without rewiring. Brings any set up to date. Eliminates all "B" battery trouble.** Furnishes high quality power amplification.



No. B1136. Type E I in kit form without tubes. List, $68.00. YOUR PRICE **$40.00**

No. B1137. Type E I complete assembled without tubes. List, $76.00. YOUR PRICE **$50.10**

Power Amplifier L-3

Complete three stage power amplifier and "B" eliminator. For Hi-Mc tubes in the first and second stages and 171 power tube in the last stage. Raytheon B.H. tube used. Impedance and resistance coupling for perfect amplification. **Easily installed with any set.**

No. B1138. L3 Kit without tubes. List, $78.00. YOUR PRICE **$45.95**

No. B1139. L3 completely assembled and wired without tubes. List, $89.00. YOUR PRICE **$51.88**

No. B1140. NATIONAL SCRATCH FILTER. For use with electrical phonograph pick-ups to subdue the amplification of needle scratch noise. List, $5.50. NET **$3.30**

No. B1141. NATIONAL POWER TRANSFORMER. For "B" eliminator with Rectron or Raytheon B.H. tube. Has 5 and 7.5 volt filament winding. List, $16.50. NET **$9.90**

No. B1142. NATIONAL FILTER CHOKE TYPE 80. Two heavy duty filter chokes designed to handle 80 mils for "B" eliminator with B.H. tube. List, $10.00. NET **$5.90**

No. B1143. NATIONAL TOBE "B" BLOCK. Designed for National Power Units and amplifiers. Will handle up to 400 volts D.C. continuous. List, $17.50. NET **$10.30**

Official B-D Kit Set

Genuine Browning-Drake tuning essentials including one space-wound antenna coil mounted on .0005 National condenser and regenaformer tuning coil set, space wound, mounted on National .00025 condenser with National type C illuminated dials. Specified for the official Browning-Drake Kit.

No. B1130.
List Price $25.00.
NET **$15.93**

Official Foundation Unit

No. B1131. For the genuine Browning-Drake kit consisting of Westinghouse micarta engraved front and sub base panel with sockets, resistance clips and all essential small parts. List, $15. NET **$8.95**

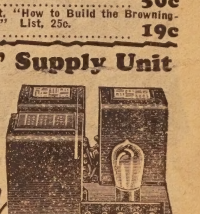
No. B1132. B-D new type neutralizing device for tuned radio frequency stage of the official Browning-Drake Kit. List, $1.00. NET **60c**

No. B1133. B-D 33 ohm resistance cartridge. List, 75c. NET **50c**

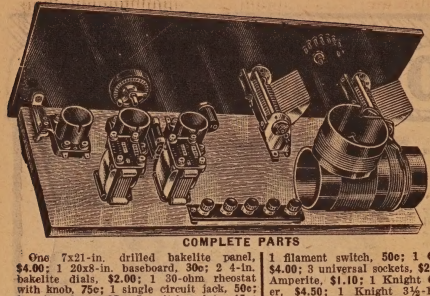
No. B1134. B-D booklet, "How to Build the Browning-Drake Radio Official Kit Set." List, 25c. NET **19c**

National "B" Supply Unit

A new National "B" eliminator. Ruggedly constructed. **Will furnish all the "B" current required by the largest set** including such power tubes as 112 or 171. Uses Raytheon type B.H. tube. The filter chokes carry 80 mils. continuously without heating. Chokes have high inductance. A.C. hum entirely obliterated. 3 variable voltages give flexibility from 20 to 180 volts and fixed power voltage of 180 volts. **Completely constructed without tubes.**



No. B1135. List, $54.00. YOUR PRICE **$31.95**



Famous 3-Tube Cockaday

The three-tube Cockaday is the ideal small set. Economical to construct and operate. The famous Cockaday circuit is sensitive and selective.

A splendid receiver for crowded districts. Easily separates local and distant stations. **Ideal for rural communities because of its long range.** Full loud-speaker volume obtained. Fine tone quality. Simple to construct with our diagram and layout. A fast and profitable seller.

COMPLETE PARTS

One 7x21-in. drilled bakelite panel, **$4.00**; 1 20x8-in. baseboard, **30c**; 2 4-in. bakelite dials, **$2.00**; 1 30-ohm rheostat with knob, **75c**; 1 single circuit jack, **50c**; 1 switch lever, **25c**; 7 switch points, **15c**; 2 switch stops, **5c**; 2 binding posts: Ant., Gnd., **20c**; 1 binding post strip with five marked posts: A+, A—, B—, B+, B+, **$1.00**; 2 .0005 S. L. F. condensers, **$8.00**; 1 filament switch, **50c**; 1 Cockaday coil, **$4.00**; 3 universal sockets, **$2.25**; 1 No. 112 Amperite, **$1.10**; 1 Knight 6-1 transformer, **$4.50**; 1 Knight 3½-1 transformer, **$4.00**; 1 .00025 fixed condenser, **35c**; 1 2-meg. grid leak, **25c**; 1 grid leak mounting, **25c**; screws, lugs and bus-bar, **$1.00**; 1 wiring diagram and layout, **50c**.

No. B8826

Total List Value $35.90

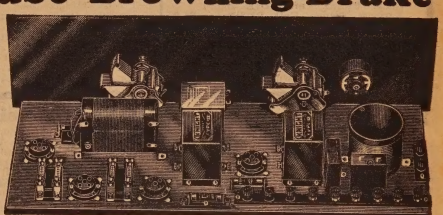
Your Special Price $12.50

Cabinet and accessories for this receiver will be found on other pages of this catalog.

Improved 5-Tube Browning-Drake

All of the Latest Features

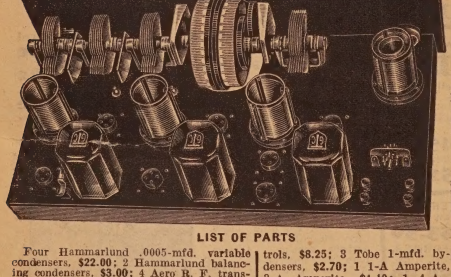
Astounding results with the new Browning-Drake circuit. Great range, unusual selectivity, enormous volume and perfect reproduction. Incorporates the latest developments. Extremely low resistance radio frequency circuit. **Higher efficiency than most seven and eight-tube sets.** Fully neutralized stage of radio frequency amplification followed by regenerative, sensitive and stable detector, two stages of resistance coupled amplification for perfection of tone and one power transformer stage adaptable for use with the new power tubes with enormous amplification. **Uses new output filter choke keeping the direct current out of the loud speaker windings,** protecting the speaker from damage even when used with the highest voltages. Space wound coils, low loss condensers. **Easy to build. Furnished with full size wiring diagram that anyone can readily follow.**



LIST OF PARTS

1—Bakelite 7x24 drilled panel.
1—10x23 baseboard.
1—.00035 modified S. L. F. condenser.
1—.0005 modified S. L. F. condenser.
1—set space wound Browning-Drake coils.
2—Kurz Kasch aristocrat vernier dials.
1—10-ohm rheostat with switch.
2—stages resistance coupling.
1—Knight K200 transformer.
1—Knight filter choke.
1—4 mfd. filter condenser.
2—1 mfd. by-pass condenser.
2—Amperites 112.
1—Grid condenser .00025.
1—Grid leak 2 meg.
5—Bakelite UX sockets.
1—.002 fixed condenser.
1—Short jack single circuit.
1—Binding post strip with nine posts.
1—Binding post strip with two posts.
1—Wiring diagram.
Screws, lugs, wire, etc.

No. B8827
Total List Value $77.00
YOUR PRICE $29.75



PHASTROL DeLuxe

The latest, most efficient phasatrol circuit. Includes the finest of accurate apparatus. Sensitive, selective and powerful, yet easy to tune and operate. No squealing or howling—non-critical. The beauty of phasatrol circuits is the extreme ease and simplicity of balancing—anyone can neutralize this receiver.

Powerful Perfect Tune

Four tuned stages build up the weakest distant signal to full intensity. Selective—separates even the most powerful nearby stations. Wonderful tone with the new Tyrman transformers and push-pull full wave power amplification.

Easy for anyone to build.

LIST OF PARTS

Four Hammarlund .0005-mfd. variable condensers, **$22.00**; 2 Hammarlund balancing condensers, **$3.00**; 4 Aero R. F. transformers, **$15.00**; 1 Tyrman double vernier dial, **$10.00**; 1 Tyrman audio transformer, **$8.00**; 1 Tyrman push-pull input transformer, **$10.00**; 1 Tyrman push-pull output transformer, **$10.00**; 7 9044 Benjamin sockets, **$2.75**; 1 660 Yaxley cable plug, **$2.50**; 4 engraved Eby binding posts, **60c**; 1 Lynch 2-meg. grid leak, **50c**; 1 Electrad grid leak mounting, **50c**; 3 Electrad phasatrols, **$8.25**; 3 Tobe 1-mfd. by-pass condensers, **$2.70**; 1 1-A Amperite, **$1.10**; 1 3-A Amperite, **$1.10**; 1 4-A Amperite, **$1.10**; 1 112 Amperite, **$1.10**; 1 Sangamo .00025-mfd. grid condenser, **50c**; 1 Electrad Toneatrol with switch, **$2.00**; 1 Carter 10-ohm Imp rheostat with switch, **$1.50**; 1 7x24x⅛ in. Cortlandt front panel, **$6.00**; 1 12x23x⅛ in. Cortlandt sub-panel, **$7.00**; miscellaneous lugs, nuts, screws, etc., **$1.00**.

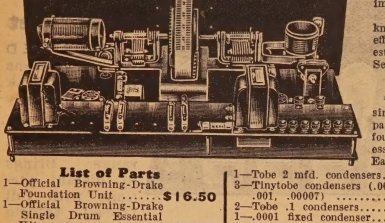
No. B7051

Total List $118.20

YOUR PRICE $69.50

New Official Browning-Drake Kit

New Improved Single Control Browning-Drake



Uses the new Browning-Drake Essential Kit with improved small efficient space wound inductances.

The first radical improvement of the nationally known, ever popular Browning-Drake circuit. Greater efficiency tube for tube than any other circuit. Latest, improved model. Finest quality amplification. Sensitive, selective and powerful.

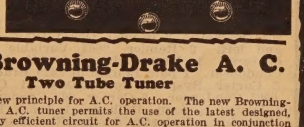
Single Control

The new simplified tuning unit is controlled by a single knob. One illuminated drum dial with artistic panel escutcheon plate. Simple to construct with the foundation unit including panel, sub panel and all essential small parts and hardware. Simple to operate. Easy to build. 8-tube efficiency with only five tubes.

List of Parts

1—Official Browning-Drake Foundation Unit	$16.50
1—Official Browning-Drake Single Drum Essential Kit	26.00
1—Browning-Drake radio frequency choke	2.00
1—Browning-Drake 135 mmf. trimmer condenser	2.50
1—Browning-Drake 30 mmf. neutralizing condenser	.25
1—Filament switch	.60
1—30 ohm rheostat	1.00
1—Tobe .5 condenser	.90
5—Durham resistors (8 meg., .1 meg., .1 meg., .25, .25)	3.00
1—Tobe 2 mfd. condensers	1.75
3—Tinytobe condensers (.001, .001, .00007)	1.20
2—Tobe .1 condensers	1.20
1—.0001 fixed condenser	.75
1—Thordarson R300 transformer	8.00
1—Thordarson R196 choke	5.00
1—4A amperite	.10
1—112 amperite	.10
2—Benjamin UX sockets	.50
10—Eby binding posts	1.50
1—Instruction booklet	.25
Total List	$77.10

No. B7003
YOUR PRICE
$46.25



New Browning-Drake A. C. Two Tube Tuner

An entirely new principle for A.C. operation. The new Browning-Drake two tube A.C. tuner permits the use of the latest designed, renowned, highly efficient circuit for A.C. operation in conjunction with any popular power amplifier.

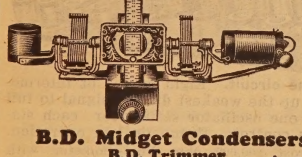
Build this tuning circuit for selectivity, long range, sensitivity and simplified control. For high quality of reproduction couple it with any of the modern power amplifiers such as the new Thordarson 210 Power Pack, the Silver-Marshall Unipac or the new National Power Amplifiers for the finest quality of radio reception obtainable.

List of Parts

1—Browning-Drake Official Single Drum Essential Kit	$26.00
1—Browning-Drake Official 2-Tube Foundation Unit	13.50
1—B.D. Trimmer 135 mmf.	2.50
1—Aerovox .5 condenser	.75
1—Aerovox .0001 condenser	.35
1—Aerovox .00005 grid condenser	.40
1—Durham 8 meg. leak	.50
1—Universal Clarostat	2.25
1—Aerovox .001 fixed condenser	.40
1—Filament switch	.60
2—Benjamin 5-prong sockets	2.40
1—Browning-Drake R.F. choke	2.00
5—Eby binding posts	.75
Total List	$52.40

No. B7004
YOUR PRICE
$30.82

Note:—With power amplifiers not equipped with filament winding for A.C. tubes it will be necessary to use a filament heating transformer such as the Silver-Marshall 325 or the Thordarson A.C. filament supply transformer.



New Official B.D. Kit Set

An entirely new Browning-Drake Essential Kit. New single illuminated drum control. Latest space wound efficient small inductances. Finest variable tuning condensers specified for the new Official Browning-Drake kit. Complete with panel escutcheon plate and full instructions.

No. B7005. List, $26.00. Your Price..... **$15.30**

B.D. Midget Condensers

B.D. Trimmer

135 mmf. complete with knob.
No. B7009. List, $2.50. Your Price.. **$1.47**

B.D. Neutralizer

30 mmf. complete with knob.
No. B7010. List, $1.25. Your Price..... **75c**

Browning-Drake Shields

The use of shields with the new Browning-Drake kit set is optional. The shield assembly consists of two shields drilled and cut to fit.
No. B7011. List, $8.00. Your Price.... **$4.70**

New B.D. Booklet

Complete instructions with constructional data for the new single control Browning-Drake for A.C. or battery operation.
No. B7012. List, 25c. Your Price..... **16c**

New B.D. Official Foundation Unit

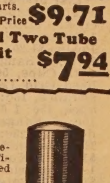
Front and base panel drilled and engraved for new layout of the 5-tube kit set with amplifier, sockets, resistor clips and hardware and all essential small parts.
No. B7007. List, $16.50. Your Price **$9.71**

Browning Drake Official Two Tube Foundation Unit

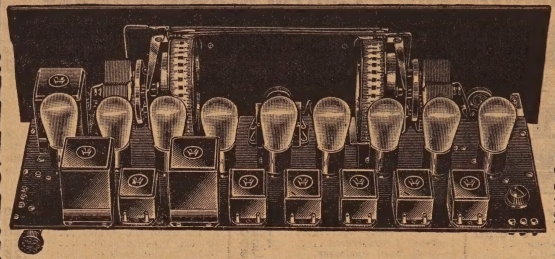
No. B7008. List, $13.50.
Your Price **$7.94**

New Browning-Drake Choke Coil

A new and highly efficient radio frequency choke specified for the new official Browning-Drake kit. May be used with any circuit.
No. B7006. List, $2.00.
Your Price **$1.19**



Improved Nine-In-Line



H. F. L. Super-Het

DESCRIBED in Citizens Radio Call Book and practically every other radio publication of merit. Long range. Brings in distant stations with full local volume and clarity. New audio amplifier with the new H. F. L. transformers and output transformer improves tone quality and permits the use of high voltage without injury to the loud speaker.

Accurately matched intermediate transformers. Sharply cuts through powerful local stations with ease. Simplified control with the new Remler drum dials. Clean cut factory built appearance.

LIST OF PARTS

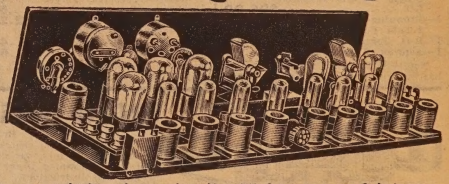
10 H. F. L. Units—List $75.00. 9 Benjamin 9044 Sockets. 2 Remler Drum Dials—right and left. 2 Remler .0005 Variable Condensers. 1 Hammarlund .000045 Midget Condenser. 1 pair Benjamin 8629 Brackets. 2 Carter By-pass Condensers. 1 Carter .0005 Condenser. 2 Carter .002 Condensers. 1 Daven ¾ amp. Ballast. 1 Jones B. M. Multiplug. 1 Carter 6 ohm Rheostat with Switch. 1 Carter 6 ohm Rheostat. 8 Carter Pup Jacks. 1 7x26 Engraved Front Panel. 1 8x24 Sub Panel. 1 Carter 200,000 ohm Hi-Ohm. Miscellaneous, screws, lugs, wire, 1 Diagram.

No. B8858—Total List Price, $128.65

Your Price $74.95

Famous Hot Spot 14

New Melo-Heald 14 as described in Citizens Radio Call Book



REVOLUTIONARY 14 tube superheterodyne circuit. Eight stages of intermediate radio frequency amplification build up the weakest distant signal to full intensity. The tone quality is superb. Only one oscillator setting for each station. Razor edge selectivity with two tuning controls. Economical in operation.

List of Parts: 11 Melo Couplers, $65.00; 3 Multi Stage Meloformers, $15.00; 1 Melochoke, $1.50; 14 Cushion Sockets, $10.00; 1 Jones Cable Plug, $4.50; 8 X. L. Binding Posts, $1.20; 2 Sangamo .006 Condensers, $1.70; 1 Sangamo .00025 Fixed Condenser with Clips, 50c; 1 Durham 4 meg. Metallized Grid Leak, 50c; 1 4 ohm Fixed Resistance, 15c; 1 3 ohm Semi-Fixed Resistance, 15c; 1 6 ohm Semi-Fixed Resistance, 15c; 5 Sangamo or Parvolt .1 mfd. condensers, 25c; 2 Bakelite Strips, 50c; 2 Hammarlund Midline .0005 Condensers, $10.00; 2 Kurz-Kasch Vernier Dials, $4.00; 1 Hammarlund midget 9 plate Condenser, $1.50; 1 Potentiometer 400 ohm, $1.75; 1 Frost 200,000 ohm Potentiometer with Filament Switch, $2.10; 1 Jewell Voltmeter 0, 7.5-150, $9.00; 1 7x30 panel, $6.00; 1 10x29 baseboard, $1.00; 1 Jewell 0-100 Milliameter, $7.00; Miscellaneous, screws, lugs, wire, diagrams, 50c. **Total List Value, $149.45.**

No. B8857—Your Special Price

$87.90

Tubes required for the Hot Spot 14 Circuit are 8 UX 199, 5 UX 201A, 1 UX 171.

New Tyrman Amplimax 70

A. C. or BATTERY OPERATION

Latest Shielded Grid Super

Unequalled DX volume without distortion or oscillation. A newly developed circuit using the new shielded grid tubes which develop enormous amplification per stage. These new tubes build up the faintest, weakest signal to full intensity. Stations hundreds and thousands of miles away develop full loud speaker volume without oscillation.

No Oscillation—Non-critical

The Tyrman Shielded Grid Amplimax will not oscillate no matter how little or how much voltage is applied. The receiver is not critical. Stations roll in and out without the whistling background of carrier waves thus eliminating the drawback of former superheterodyne circuits. Selectivity resulting in 10 kilocycle separation is obtained without the cutting of side bands. Thus all stations are separated without interference and without distortion.

3000 Miles on a 6-foot Aerial

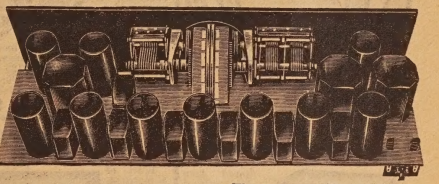
This remarkable record has actually been proven under test. The Tyrman 70 will positively outperform the average radio receiver. Amplification of weakest signals is enormous. Sensitivity never approached before by any receiver. Hairline selectivity—power—faithfulness of tone. Extremely low current consumption of 25 M. A. "B" and only 1¼ amps. "A" permits either A.C. or battery operation.

No. B7052
List Price $127.00
Your Price $74.75

List of Parts

3—Tyrman 9-90 R. F. Impedances	$37.50
1—Tyrman 9-80 Inductance	3.00
2—Tyrman 3-30 Audio Transformers	16.00
1—Tyrman 3-31 Output Transformer	10.00
7—Tyrman Shielded Sockets	8.75
1—Tyrman Double Drum Dial	10.00
1—Camfield .0005 Condenser	6.00
1—Camfield .00025 Condenser	5.50
1—Camfield No. 622 Oscillator	3.50
1—15 ohm Rheostat with switch	1.75
1—Yaxley 4L Resistance	.15
1—15 ohm Resistance	.15
1—Yaxley 669 Cable	3.25
1—25 ohm Rheostat	1.35
1—Pup Jack	.15
1—Hammarlund 50 mmf. Midget Condenser	1.50
4—1. Condensers	5.00
1—.001 Condenser	.50
5—XL Binding Posts	.75
1—7x24 Front Panel	6.00
1—8x23 Sub Panel	5.50
1—Pair Benjamin Brackets	.70
Total List	$127.00

TYRMAN TEN



New laboratory model powerful coast to coast receiver. Designed in a new revolutionary manner employing the new Kurz Kasch capacity connector which insures that each kit will be constructed as a duplicate of the laboratory model. **One of the first circuits designed which can readily be standardized. Anyone can construct this powerful receiver as an exact duplicate of the laboratory instrument.**

Powerful—Selective

Tested under the most severe conditions. Definitely allows a clear ten kilocycle separation between all stations. Separate stations in the most crowded districts. Powerful amplification. Multi-stage radio frequency circuit builds up the weaker signals.

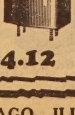
Power Amplification

Employs the new Tyrman power transformers. Incorporating one stage straight power transformer followed by a stage of push pull power amplification. **Each tube operates with a definite purpose at full efficiency.** No overloading, no forcing. Quiet, powerful, satisfactory operation. Properly designed. The program is amplified to life-like volume—all the notes, round, clear, and full—from the deepest organ bass to highest piccolo note. The amplification curve is ideal for reproduction no matter what speaker is employed to interpret the output.

True One Spot Tuning

The long sought advantage of one spot tuning has been accomplished in this receiver. A station is received at only one point on the dials. No bothersome harmonics and interference. The set is therefore more selective and is much easier to operate. One stage of radio frequency amplification is used before the first detector in order to better accomplish this and make the set suitable for use on an outside antenna. The set can therefore be used on an outside antenna without reradiation and the radio frequency stage makes it sharper than loop reception.

TYRMAN TRANSFORMERS



No. B1153. Audio 3-1. List, $8.00. NET	$ 4.72
No. B1154. Push Pull. List, $20.00. NET	11.76
No. B1155. TRF 200-560 meters. List $4.00. NET	2.36
No. B1156. TRF 160-360 meters. List $4.00. NET	2.36
No. B1157. Long Wave Intermediate. List, $7.00. NET	$4.12

Easy to Build

Can be assembled easily and quickly. We furnish genuine parts. Almost impossible to make wiring or hook up mistakes. **Large, plain layout-diagram furnished.**

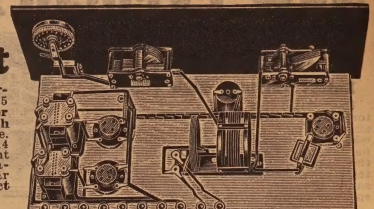
Complete List of Parts

2 Tyrman type 8-70 R. F. transformers, $8.00; 1 Tyrman type 8-71 R. F. transformer, $4.00; 4 Tyrman type 8-80 R. F. transformers, $28.00; 1 Tyrman type 3-30 audio transformer, $8.00; 1 pair Tyrman push pull transformers, $20.00; 1 Tyrman double vernier drum, $10.00; 10 Tyrman shielded sockets, $12.50; 1 Kurz Kasch capacity connector, $7.50; 1 bakelite 7x21 drilled panel, $5.60; 1 bakelite 7x26 sub panel, $4.75; 2 Benjamin brackets, $0.75; 1 Carter 1 mfd. condenser, $1.25; 1 Carter .5 mfd. condenser, $0.90; 1 Carter .00025 condenser, $0.40; 1 Carter .001 condenser, $0.50; 1 Yaxley 669 connector, $3.25; 1 3 meg. resistance with mounting, $0.50; 1 .5 filament resistance, $0.15; 1 .6 filament resistance, $0.15; 1 Yaxley 200 ohm potentiometer, $1.75; 2 .00005 midget condensers, $3.00; 1 Yaxley 25 ohm rheostat with switch, $1.75; 2 binding posts, $0.30; 1 Camfield .00035 condenser, $5.00; 1 Camfield .00035 two-gang condenser, $10.00; 1 Yaxley 200 ohm grid resistance, $0.25; blue print, diagrams, etc., $5.00.

TOTAL LIST $130.95

No. B8833 YOUR PRICE $81.95

New Aero Short Wave Kit



NEW short wave receiver with Aero interchangeable coils. Covers wave length 15 to 130 meters. **Can be adapted to cover broadcast range from 125 to 550 meters with Aero coils 4 and 5** which are interchangeable. New Aero Int.-Zero coil covering 13 to 25.4 meters adaptable. Used by U. S. Government broadcasting stations, amateurs and laboratories. European broadcasting heard. Popular —in universal demand. **Simple to construct and operate.**

List of Genuine Parts

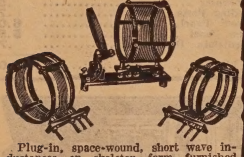
1—Aero Short Wave Foundation Unit	$ 5.75	2—Silver-Marshall 511 Sockets	$ 1.00
1—Set Aero LWT 125 Coils	12.50	1—Benjamin Cushion Socket	.75
1—Aero R. F. Choke No. 60	1.50	9—X-L Binding Posts	1.35
2—National Type B Dials	5.50	1—Carter .0001 Grid Condenser	.50
1—Amsco .00014 Condenser	2.75	1—Carter 2-ohm Resistance	.15
1—Amsco .00025 Condenser	3.00	1—Tobe Tipon 5-meg. Grid-leak	.50
1—Carter or Yaxley Battery Switch	.50	2—Thordarson 6-1 Transformers	9.00
2—Carter or Yaxley 25-ohm Rheostats	1.35	Screws and Bus Bar, Blue Print	.25

No. B6805—Total List value, $45.85

Your Price

$26.65

Aero Short Wave



Plug-in, space-wound, short wave inductances on skeleton form furnished with base. Covers entire low wave range, 15 to 130 meters.

No. B1108. List. $12.50. Set of 3 coils.
YOUR PRICE **$7.35**

Improved Aero Coils

New, improved Aero coils wound on bakelite skeleton forms, insuring 95% air dielectric low losses. Accurate matching adaptable to 201A, 199, 112, also the new 240 and 280 tubes. **Each kit carefully matched at both ends of the broadcast band before packing.** Tuning range from below 200 to about 550 meters. .0005 type specified for new Aero No. 7. May be used in any tuned radio frequency circuit for greater selectivity, sensitivity and efficiency.

No. B1111. Set of 3 coils for .0005 condenser.

No. B1112. Set of 3 coils for .00035 condenser.
List, set of 3 coils, $12.00.
NET..... **$7.05**

Aero Universal Wave Trap Unit

Exceptionally adaptable for wave trap construction. Makes possible separation of broad tuning stations in crowded localities. Will also make any crystal set more efficient.

No. B1113. For .0005 condensers.

No. B1114. For .00035 condensers.
List, each, $4.00. NET.. **$2.35**

Aero Interchangeable Coils

Fits into Aero interchangeable coil base supplied with the short wave kit. Tunes with same condenser. No. 4 and No. 5 coils will cover the entire broadcast band. No. 0 covers shortest workable range.

No. B1117. Coil No. 4, 125-250 meters.
No. B1118. Coil No. 5, 235-550 meters.
No. B1119. Coil No. 0, 13-29.4 meters.
List, each, $4.00.
NET..... **$2.35**

Aero Tuned R. F. Kit

Kit of 4 matched, improved coils. Consists of one antenna inductance with variable primary and three universal radio frequency coils. Adaptable to all type tubes. Tuning range from below 200 to above 550 meters. Wound on skeleton bakelite form. Will make any circuit better, increasing selectivity and range. The .0005 kit is specified for the Aerodyne.

No. B1109. Kit of 4 units for .0005 condensers.

No. B1110. Kit of 4 units for .00035 condensers.
List, kit of 4 coils, $15.00.
NET..... **$8.82**

Aero Universal Antenna Coupler

A highly efficient low-loss antenna coupler with variable primary. Incorporates the famous Aero universal coil principle wound on skeleton bakelite form. Matches Aero universal three-circuit tuner and Aero universal R.F. coils.

No. B1115. For .0005 condenser.

No. B1116. For .00035 condenser.
List, each, $4.00.
NET..... **$2.35**

Aero Tuned Radio Frequency Coils

Wound on skeleton bakelite forms. Efficient inductances and popular seller. For use with .00035 condensers.

No. B1120. Set of 3.
List Price, $12.00.
YOUR PRICE **$7.05**

Universal 3 Circuit Tuner

New three-circuit tuner with fixed tickler coil and adjustable primary which makes possible the adjustment to any degree of selectivity.

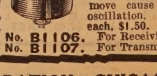
No. B1103. For .0005 condenser.

No. B1104. For .00035 condenser.
List, each, $4.00.
NET..... **$2.35**

Aero Three Circuit Tuner

No. B1105. Three-circuit tuner with adjustable tickler and variable primary. For use in standard three-circuit regenerative receivers. Adjustable primary permits any degree of selectivity. Tunes with .0005 condenser. Range, 200 to 575 meters.
List, $5.50.
NET..... **$3.23**

Aero R. F. Chokes

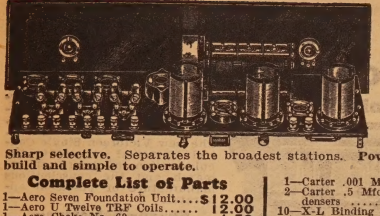


Radio Frequency Chokes are in universal use. Remove cause for coupling oscillation. List, each, $1.50. NET **88c**

No. B1106. For Receiving Sets.
No. B1107. For Transmitters.

New Aero 7

Described In All the Latest Publications



NEW selective single illuminated drum control set. **One of the latest modern developments.** High amplification, using new Hi Mu tubes and new 171 power tube for volume. Perfect reproduction with new type resistance coupling. **Powerful astounding long range reception. Easy to Sharp selective.** Separates the broadest stations. **build and simple to operate.**

Complete List of Parts

1—Aero Seven Foundation Unit	$12.00
1—Aero U Twelve TRF Coils	2.00
1—Aero Choke No. 60	1.50
1—Silver-Marshall Drum Dial	3.00
1—Carter Battery Switch	.65
1—Carter 200-ohm IMP potentiometer	.25
1—Carter 6-ohm IMP Rheostat	1.00
1—Carter H-1000 Resistor	.25
1—Carter H-1 Resistor	.25
1—Carter .00025 Mfd. Condenser with clips	.50
1—Carter .001 Mfd. Condenser	$ 0.50
2—Carter .5 Mfd. By-pass Condensers	.80
10—X-L Binding Posts	1.50
1—Amsco Floating Socket	1.00
6—Amsco Plain Sockets	3.00
1—Amsco .0005 Mfd. Triple Condenser	11.25
1—Gridleak Mounting	.30
1—5 Meg. Gridleak	.50
1—Amsco Aero Seven Resistance Kit	7.00
Screws and Bus Bar, Blue Print, etc	.25

Total List Value $59.20

No. B8806

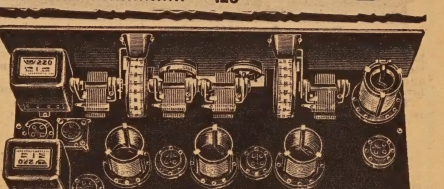
Your Net Wholesale Price

$34.38

New Aero Dyne 6

THE New Aerodyne has a national reputation for quality performance. **Simplified double control with illuminated drum dials.** New Aero universal coils. New Hammarlund Midline condensers. New Silver-Marshall transformers. Perfect reproduction. Ease of operation. Selective powerful reception. **Simple to construct by anyone.**

Tubes for the Aerodyne Six—5 CX-301A, 1CX112 or 171.



Complete List of Parts

1—Aerodyne Foundation Unit	$12.50
1—Set of four Aero 7-16 Coils	15.00
2—Silver-Marshall Drum Dials	6.00
2—Silver-Marshall 220 Transformers	16.00
4—Hammarlund .0005 Condensers	20.00
1—Benjamin Cushion Socket	.75
5—Silver-Marshall 511 Sockets	2.50
2—Tobe One Mfd. Condensers	1.80
1—.00025 Carter Grid Condenser	$ 0.50
1—Tobe Two Meg. Tipon Gridleak	.50
1—Carter .001 Mfd. Condenser	.50
1—Yaxley Switch Rheostat, 6-ohm	1.65
1—Yaxley Potentiometer, 200-ohm	1.75
1—One Ohm Fixed Resistance	.50
1—Gridleak Mounting	.50
11—X-L Binding Posts	1.65
Screws and Bus Bar, Blue Print, etc.	.30

Retail $82.05

Your Price

$47.90

No. B8807

Aero Short Wave Transmitter Coils

Interchangeable transmitting inductances. **Kit of six coils with mounting bases cover short wave band from 16.5 to 190 meters.** Three sets of two coils each, 16.5 to 52 meters, 36-90 meters, 72-190 meters. All tune with the same variable condensers—.0005 with a .00025 or .0005 condenser in series with the ground or counterpoise system. Ordinary single spaced receiving condensers may be used. **Space wound on bakelite skeleton frame.** Kit consists of adjustable primary, two mounting bases, two choke coils and three sets of grid and plate inductances.

No. B8809. List, complete kit, $28.00. NET **$16.46**

		List, Each Set, NET
No. B1121.	Aero Transmitting Kit, 16.5-52 meters	$12.00
No. B1122.	Aero Transmitting Kit, 36-90 meters	$7.06
No. B1123.	Aero Transmitting Kit, 72-190 meters	$12.00

		$4.00 Each
No. B1124.	16.5-52 meter coil only	2.35
No. B1125.	36-90 meter coil only	
No. B1126.	72-190 meter coil only	
No. B1127.	Antenna mounting base	$3.00 $1.76
No. B1128.	Grid and mounting base	1.00 .59
No. B1129.	Choke coil	1.50 .89

Aero Sub-Panel Brackets

No. B1100. New, heavy gauge metal brackets for mounting sub-panel. In universal use. Rugged and sturdily built. **List, per pair, 70c. NET** **42c**

Aero Transmitter Kit

Aero short wave transmitter using Aero interchangeable coils. Astounding results have been recorded with this new transmitter using low power. It employs one U-X 210 type with eight volt storage battery and 650 volt B battery. Sturdily built and will safely handle the new 75 watt or two 50 watt tubes.

Complete List of Parts

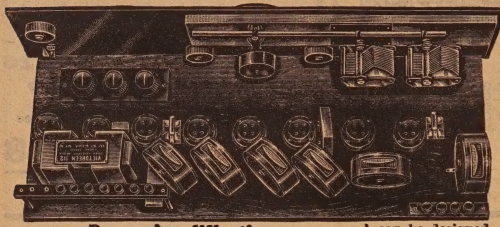
One set Aero Transmitter coils, 2040K or 4080K, or 9018K—optional.	1—Carter P-5000—25 Gridleak.
3—Karas .0005 Receiving Condensers.	2—Certer .001 Fixed Condensers.
3—Dials.	1—Silver-Marshall 511 Socket.
2—Carter .0001 Fixed Condensers.	7—Finding Posts.
includes two mounting bases and 2 No. 248 choke coils.	1—7x18 Bakelite Panel.
	1—Bakelite 10x18 Sub-panel.
	2—Aero Brackets.
	Screws and wire, Blue Print, etc.

No. B8808

Retail List $44.26

Your Price $25.85

New Victoreen
Single Control Universal 8
With 112 Audio Unit



LATEST improved Victoreen Universal Superheterodyne. Single control. New power audio amplifier. The new Victoreen Single Control Universal represents the culmination of years of research and the conscientious manufacture of precision apparatus.

Sharp—Selective—Powerful

The intermediate transformers are air core wound, peaking sharply. **Each stage is an accurately tuned filter.** Interference is practically unknown. Separates stations in the most crowded districts. **Astounding long range.**

Power Amplification

The new Victoreen 112 audio unit provides the latest development in modern audio amplification. Will accurately respond to the lowest audible frequencies. **Amplifies naturally from the lowest bass to the highest treble notes.**

The Victoreen Universal, with master control, is as powerful an eight-tube radio receiver as can be designed. Hundreds of users report hearing stations thousands of miles away.

Easy to Construct

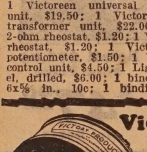
The new model Victoreen represents a simple layout. Can be assembled in less than an hour. Furnished with complete layout and wiring diagrams. **Factory-built panel and interior appearance.**

List of Genuine Parts

4 Victoreen 170 transformers, $28.00; 1 Victoreen 150 oscillator, $5.50; 1 Victoreen 160 antenna coupler, $3.50; 1 Victoreen universal master control unit, $19.50; 1 Victoreen 112 audio transformer unit, $22.00; 1 Victoreen 2-ohm rheostat, $1.20; 1 Victoreen 6-ohm rheostat, $1.20; 1 Victoreen 400-ohm potentiometer, $1.50; 1 Victoreen audio control unit, $4.50; 1 Lignole 7x26 panel, drilled, $6.00; 1 binding post strip, 6x⅝ in., 10c; 1 binding post strip, ⅝x2½ in., 10c; 1 Carter battery switch, 50c; 1 Carter No. 6 jack switch, $1.25; 8 Eby sockets, $2.40; 1 Carter single circuit closed jack, 55c; 1 Carter single circuit filament control jack, 70c; 2 Dubilier .00025 grid condensers, 80c; 2 grid leaks, 2 meg., 50c; 1 Tobe .001 fixed condenser, 40c; 1 Tobe 1 mfd. by-pass condenser, 90c; 7 Eby binding posts, $1.05; 1 Kurz-Kasch aristocrat vernier dial, $2.00; screws, wire, soldering lugs, $1.00; 1 wiring diagram, 50c.

No. B8852
Total List $105.65
YOUR PRICE
$62.40

Vict'n. Transformers



Each transformer is actually in itself a tuned stage. **Each and every transformer adjusted, matched and sealed.** Specified in the new Victoreen Universal. For range, clarity, volume, selectivity and simplicity in operation, superheterodynes using Victoreen transformers cannot be excelled. **4 No. 170 or No. 171 transformers, 1 No. 150 coupling unit and if outside antenna is used 1 No. 160 antenna coupler.**

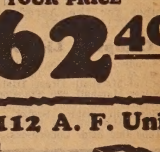
B2130. Victoreen No. 170 R. F. Transformer for .201A tubes. **List, $7.00... $4.12**

B2131. Victoreen No. 171 R. F. Transformer for 199 tubes. **List, $7.00 ..... $4.12**

B2132. Victoreen No. 150 Coupling Unit. **List, $5.50... $3.24**

B2133. Victoreen No. 150 Antenna Coupler. **List, $3.50... $2.06**

Victoreen 112 A. F. Unit



The first and second stage transformers have been combined in one case to conserve space and for proper location and combination. Type 112 power tubes are recommended. **This unit will actually respond to the low frequency of 5 cycles per second.** 16 cycles per second is the lowest limit of audible sounds to which few transformers will respond. **May be used as a complete two-stage amplifier for any receiving set.** Specified in the new and latest circuits.

No. B2134. List Price, $22.00. YOUR PRICE $12.94

Vict'n. Master Control Unit

The Victoreen Master Control Unit operates two variable condensers at single control. Small compensating condenser matches condensers at all times. Furnished with 2 .0005 variable condensers attached. Made possible the assembly of condensers and control in any manner desired. This unit may be used with any circuit under practically any conditions. Simplified single control for superhet. or tuned R. F. circuits. Specified in the Victoreen Universal and other popular circuits.

No. B2135. Master Control Unit complete, with 2 .0005 variable condensers. **List, $19.50. YOUR PRICE $11.48**

Victoreen Audio Control Unit

Designed to meet the popular demand for a minimum number of controls and, when once regulated, requires no further attention. It is assembled and wired with three 30-ohm rheostats for use with 201A and 199 tubes. Designed for base or sub-panel mounting. Simple to adjust for proper filament voltage for all tubes.

No. B2136. For Standard. **No. B2137.** For Victoreen 112. **List, $4.50. $2.65**

Victoreen Manganin Rheostats and Potentiometer

Fine vernier adjustment obtainable with the resistance unit wound with genuine Manganin wire. The resistance remains absolutely constant, regardless of heat. Noiseless. 3 terminals. Single-hole mount.

B2138 2-ohm
B2139 6-ohm
B2140 10-ohm
B2141 20-ohm
B2142 30-ohm
B2143. 400-ohm Potentiometer. **List Price $1.20. 71c**

List Price. $1.50..... 89c

New Improved Hammarlund
Hi-Q Six

No. B1928. Latest design improved Hammarlund Roberts Hi-Q Six. Wonderful factory built appearance. Clean cut accurate apparatus. New illuminated drum control. Highest Quality—new, accurate, efficient, modern apparatus throughout.

Completely Shielded

Incorporates the new auto couple coils with each stage individually shielded, the new design Hammarlund midline condensers separating stations equally and the Samson high quality symphonic transformers for perfect reproduction.

Wonderful Results

Powerful, selective. Simple to tune with great amplification and natural reproduction. Long distance reception. Cuts through local stations.

Simple to Assemble

Furnished with foundation unit including drilled and engraved panel, Van Doorn steel chassis, aluminum shields and all necessary hardware. Assembles easily with the least amount of time and effort. Popular and efficient. **Complete easily followed instructions furnished.**

ONLY GENUINE SPECIFIED PARTS

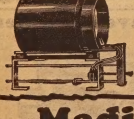
2 Samsen Transformers, $15.00; 4 Hammarlund .0005 Midline Cond., at $5.50, $22.00; 4 Hammarlund Hi-Q Six Auto Couple Coils (Cod HQ-64) at $5.00, $12.00; 4 Hammarlund RFC-85 Radio Frequency Choke Coils at $2.00, $8.00; 1 Hammarlund Illuminated Drum Dial, $6.00; 1 Hammarlund .001 mfd. Bakelite Fixed Condenser, 50c; 1 Hammarlund .00025 mfd. Bakelite Grid Condenser with clips, 50c; 1 Carter No. 1R-6 Imp. Rheostat, 6 ohm, $1.00; 1 Carter Imp Battery Switch with knob, 75c; 1 Durham Metallized Resistor, 2 megohms, 50c; 3 Parvolt ½ mfd. Series A Condensers at $1.00, $3.00; 2 Amperites No. 1A at $1.10, $2.20; 1 Amperite No. 112, $1.10; 6 Eby Universal Sockets at 40c, $2.40; 3 Eby Engraved binding Posts at 15c, 45c; 1 Yaxley No. 660 Cable Connector and Cable, $3.00; 1 Hammarlund-Roberts Hi-Q Six Foundation Unit, $15.50.

Stock No. B8872. **Retail, $98.90**

Your Net Price $54.76

No. B1181. Hammarlund Hi-Q Six Foundation Unit. List, $15.50. YOUR PRICE..... **$10.07**

Hammarlund Auto Couple Coils



No. B1182. HQ-1 auto couple coil including mounting bracket and cam. List each $3.50. NET **$2.06**

No. B1183. HQ-6 New Hi-Q 6 auto couple coil. List each, $3.00. NET **$1.78**

No. B1184. Strobodyne Coils. Set of 3. List, $10.00. NET **$5.95**

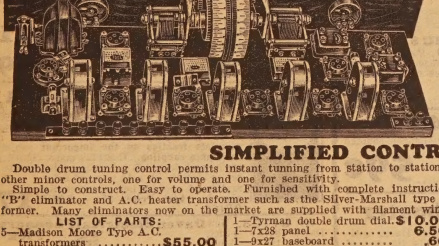
No. B1185. Loftin-White coils. Set of 3. List, $10.00. NET **$5.95**

No. B1186. Hammarlund Shield. List, $2.00 NET **$1.20**

No. B1187. New Hi-Q Complete Shield. List $6.00. NET.. **$3.55**

No. B1188. Hammarlund Equalizor. List, 50c. NET **30c**

Madison Moore A. C. One Spot



The new improved Madison Moore One Spot Super. Designed for A.C. all electric operation with the new 226 and 227 A.C. tubes. The Madison Moore A.C. One Spot is not an old circuit converted for A.C. operation but it has been designed and engineered for A.C. only. Operates without batteries of any sort.

UNLIMITED RANGE—TREMENDOUS POWER—SELECTIVE AND SENSITIVE.

The new A.C. One Spot will bring in coast to coast stations with volume and clarity. Enormous volume when tuned to the weakest signal. A single volume control regulates the signal from a whisper to the full capacity of the set.

SIMPLIFIED CONTROL

Double drum tuning control permits instant tunning from station to station with fine hair line selectivity. Only two other minor controls, one for volume and one for sensitivity.

Simple to construct. Easy to operate. Furnished with complete instructions. May be operated with any standard "B" eliminator and A.C. heater transformer such as the Silver-Marshall type 325 or Thordarson filament lighting transformer. Many eliminators now on the market are supplied with filament winding for the new A.C. tubes.

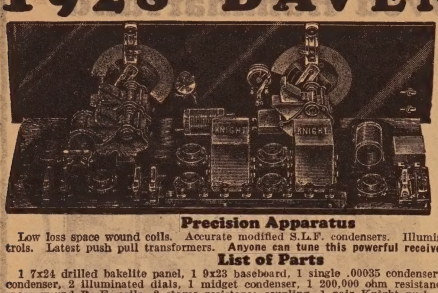
LIST OF PARTS:

5—Madison Moore Type A.C. transformers	$55.00
1—Thordarson audio transformer R200	8.00
8—UX sockets	5.00
1—Five prong socket	.25
2—Center tap resistances	1.50
1—Camfield .00035 condenser	5.75
1—Camfield .0005 condenser	6.00
1—Tyrman double drum dial	$10.00
1—7x28 panel	6.50
1—9x27 baseboard	.50
1—Yaxley double jack	1.00
1—C.R.L. 100,0000 ohm variable resistance	2.00
1—C.R.L. 500,000 ohm modulator	2.00
1—Tobe 1,000 ohm veritas resistance with mounting	1.60
2—Dubilier Duratrans	$ 8.00
1—Dubilier .00025 grid condenser	.40
1—2 megohm grid leak	.80
1—Dubilier .0005 condenser	.40
1—Jones 12 contact B.M. plug	5.75
2—Tobe 1. condensers	.90
1—Tobe 2. condensers	1.75
2—Loop binding posts	.45

No. B7013. Total List $124.35. YOUR PRICE $73.10

Tubes required for the A.C. One Spot:—2UX 199 tubes, 1 UY 227, 6 UX 226 tubes.

1928 DAVEN PARTS



New 8-Tube Two-Dial Illuminated Control Kit

POWERFUL Modern Radio Receiver. Builders of this new receiver have reported sensational long distance reception. Sharp tuning. Selective. Cuts through crowded districts. Reserve power for coast to coast reception.

Wonderful Tone

Highest quality latest design audio power amplification. Two stages resistance coupling for fidelity of tone. New push pull wave power amplification gives fidelity of reproduction of any instrument or orchestra.

Precision Apparatus

Low loss space wound coils. Accurate modified S.L.F. condensers. Illuminated tuning controls. Latest push pull transformers. Anyone can tune this powerful receiver.

List of Parts

1 7x24 drilled bakelite panel, 1 9x23 baseboard, 1 single .00035 condenser, 1 double .00035 condenser, 2 illuminated dials, 1 midget condenser, 1 200,000 ohm resistance with switch, 3 space wound R. F. coils, 2 stages resistance coupling, 1 pair Knight push pull transformers, 8 bakelite UX sockets, 2 1 mfd. by pass condensers, 1 .00025 grid condenser, 1 .002 condenser, 1 2 meg. leak, single mounting, 1 .1 resistor, 2 tip jacks, 1 binding post strip, 2 posts, 1 binding post strip, 8 posts, screws, wire, lugs, miscellaneous.

No. B8964 Total Retail List, $57.50

Your Net Price

$28.50

Daven Resistance Amplifier Kit 3K

For 3 stages of amplification and for those who prefer self-assembly. All resistors and grid leaks are included (no sockets). Contains three Daven No. 42 Resisto-Couplers, fitted with coupling condensers.

No. B1190. List, $8.00. YOUR PRICE $4.70

Daven 3-S Super-Amplifier

The famous improved, 3-stage resistance coupled Super-Amplifier with new type Daven glastors completely built. Can be connected or substituted in any set. Daven Hi-Mu tubes are recommended but not furnished.

No. B1191. List Price, $15.00. YOUR PRICE $8.82

Daven Glastors

The new type Daven resistors. Guaranteed accurate.

No.	Megohms	List, 75c YOUR PRICE 45c
B4264	.1	
B4265	.25	List, 50c YOUR PRICE, 30c
B4266	.5	
B4267	1.	
B4268	2.	
B4269	3.	
B4270	5.	
B4271	10.	

Grid Stabilizers

Used in the grid circuit of radio frequency tubes to suppress oscillation. Fits Daven single mounting.

No.	Ohms	List each 75c NET 46c
B4258	200	
B4259	300	
B4260	400	
B4261	500	
B4262	600	
B4263	750	

New Daven Tubes

The new Daven Hi-Mu tubes greatly improved. Designed for aiding reception with all types of radio receivers. Nonmicrophonic.

MU 20

No. B128. 6-volt ¼ ampere needs no rheostat. Sensitive detector and wonderful amplifier for first and second audio stages.

List $2.25. NET **$1.42**

MU 6

No. B129. Power tube for last audio stage. 6-volt ½ amp.; requires no rheostat.

List, $4.50. NET **$2.85**

Daven Ballast

Automatically controls tubes without rheostats. List price $1.00, without mountings for 6-volt ¼-amp. tubes.

For 201A Tubes:

B4254 1 B4256 3
B4255 2 B4257 4

YOUR PRICE **45c**

Daven Couplers

Supplied without resistances. Fixed condensers are mounted in the bakelite moulded base. One coupler required for each stage. Single coupler for resistance or grid leak mountings without condensers.

No. B1192. Single coupler. List Price, 35c. YOUR PRICE.. **21c**

No. B1193. Double coupler. List Price, $1.50. YOUR PRICE. **89c**

Daven Coupling Condensers

Bakelite molded blocking condensers for resistance coupled amplifiers.

No. B1194. Type A. List, $1.00. NET.... **59c**

No. B1195. Type B. List, 1.00. NET....

Manual of Daven Amplification

No. B1197. Latest edition of the most complete treatise on the important subject of resistance coupling. Contains many circuit diagrams and describes fully the application to any set or circuit. A gold mine of information. A rapid seller wherever displayed. List Price, 25c. YOUR PRICE **17c**

Daven Anti-Motorboater

No. B1196. The new Daven anti-motorboating device permits the use of the Daven Super-Amplifier or any resistance coupled amplifier with standard "B" eliminators without motorboating. Easily installed with any resistance amplifier. Simply take out the middle grid leak and insert the cartridge which is wired with long flexible leads to the Anti-Motorboater. Complete instructions with every box.

List, $4.00. YOUR PRICE **$2.36**

No. B1198. New Daven Electrical Phonograph Pick-Up

Daven device which permits the reproduction of phonograph records through any radio or through the Daven Super-Amplifier alone. Wonderful reproduction is obtained by virtue of the perfect amplification of the record. Furnished with modulator which permits the adjustment to any volume. List, $17.50. YOUR PRICE **$10.30**

Six Tube Single Control Kit

Latest Design Simplified Control

BUILDERS of this new single control six tube receiver report reception over thousands of miles with full loud speaker volume. Single control permits anyone without experience to operate this remarkable receiver and bring in distant stations with ease.

Wonderful Tone Quality

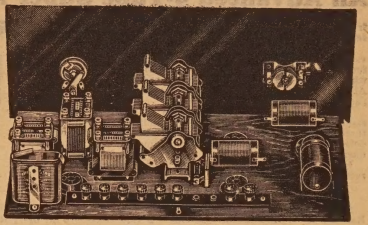
Three stages low ratio transformer coupling amplifies the weakest signal to full strength without forcing or overloading. Permits use of the new 112 or 171 power tubes. Transformers of latest design, highest quality—large coil with heavy core. Perfect amplification. Natural reproduction with any good loud speaker.

Precision Parts

Nothing stinted in this new kit. Finest grade triple gang modified straight line frequency condenser. Accurate space wound radio frequency coils—wound with enameled wire on machine threaded genuine bakelite tubing. Inductances guaranteed accurate within one-half of one percent. Dual midget condenser permits accurate phasing of tuning condenser at all wave lengths. Low losses. All material of the finest grade. Nationally known apparatus.

List of Quality Parts Furnished

One bakelite 7x18 drilled panel, one 9x17 baseboard, one triple modified S. L. F. .00035 condenser unit, three space wound low loss coils, three low ratio audio transformers, one Cardwell dual balanced condenser, one Carter Hi-Ohm with switch 200,000 ohms, two Amsco tip jacks, six bakelite UX sockets, one Mica-mold .00025 grid condenser, one bakelite binding post strip, six posts, one bakelite post strip, two posts, one grid leak, 2 meg., one 4½ volt "C" battery, two brackets, screws, wire, lugs, miscellaneous. Nothing else to buy except 7x18 cabinet.



Easy to Build

Full size layout diagram furnished with each kit. Shows position of parts with simplified wiring instructions. Anyone can assemble and wire this powerful six tube single control kit in a few hours' time. No experience required. Non-technical diagram.

Lowest Price—Highest Quality

We offer you the most moderate priced six tube single control kit using the best grade materials throughout that has ever been placed on the market. Do not be deceived by a cheaper assembly of mediocre parts. Compare our list of parts and the high grade of material that we furnish throughout. Priced far lower than the individual parts would cost if purchased anywhere else.

No. B8853—List $35.00
YOUR PRICE
$18.75

Radio Frequency Essential Kits

New essential kits consisting of highest grade low loss modified straight line frequency condensers and latest design accurate space wound radio frequency coils.

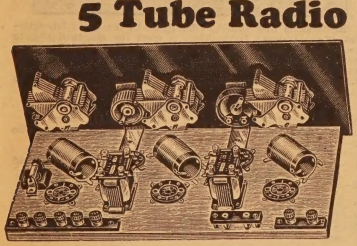
No. B3141. Three Dial Essential Kit: 3 .00035 modified S. L. F. condenser; 3 space wound solenoid coils **$3.95**

No. B3142. Two Dial Essential Kit: 1 double .00035 modified S. L. F. condenser; 1 single .00035 modified S. L. F. condenser; 3 space wound low loss solenoid coils **$4.25**

No. B3143. Single Control Essential Kit: 1 triple modified S. L. F. condenser unit .00035; 3 matched space wound solenoid radio frequency coils **$4.95**

No. B3144. Set of 3 Basket Weave Coils.....90c

5 Tube Radio Frequency Kit



THE popular, dependable stand-by. Highly efficient with best grade parts throughout. Lowest price, lowest upkeep cost.

Powerful Reception

Many long distance records have been established with this simple five tube receiver. Low loss condensers and space wound coils. Best grade low ratio audio frequency transformers. Easy to wire and assemble. Complete control. Three dial individual stage tuning. Variable resistance oscillation control. Clarity control.

Popular Demand

Five tube receivers represent the majority of radio sets in general use. You cannot purchase this quality, carefully designed apparatus anywhere at the extremely low price that we are offering this five tube kit. Complete parts with full-size layout—Diagram non-technical. Simple to assemble and easy to wire within a few hours time. Your money making opportunity.

List of Parts Furnished with This Kit

One 7x18 drilled and decorated metal panel, one 9x17 baseboard, three modified S. L. F. .00035 condensers, three space wound low loss coils, two low ratio audio transformers, five bakelite UX sockets, one 10 ohm rheostat, one filament switch, one variable resistance 200,000 ohms, one grid condenser .00025, 1 grid leak, 2 meg., one pair panel brackets, one binding post strip, two posts, one binding post strip, five posts, one bakelite strip, two tip jacks, screws, lugs, wire, miscellaneous, one wiring diagram.

No. B8854. List Value $40.00. Your Special Price **$13.15**

New Lacault L-R4 Shielded Ultradyne

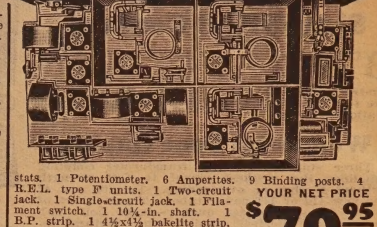
An Advanced 9-Tube Super As Specified In Radio News

This circuit incorporates the desirable features of the time tried Ultradyne circuit and in addition includes the newest improved engineering features of shielding and tuning.

The single stage of shielded tuned radio frequency amplification preceding the "modulator" circuit, the most sensitive form of input, employs an automatic-constant coupling system which provides equal transfer of energy on all wave-lengths. All important radio and audio frequency circuits are by-passed by large fixed condensers.

The receiver consists of a stage of auto-coupled, tuned radio-frequency amplification, an oscillator, a modulator, three stages of long wave radio-frequency amplification, a detector and two stages of transformer-coupled audio-frequency amplification.

The set is easy to wire and operate and gives long distance reception with clearest tones.



The Parts Used are:

1 8x24 drilled panel. 3 Hammarlund .00035 condensers. 1 Baseboard. 3 Hammarlund shields. 2 Equalizers. 6 .5 by-pass condensers. 1 1. by-pass condenser. 3 .005 by-pass condensers. 1 .001 by-pass condensers. 1 .002 by-pass condenser. 1 .0025 by-pass condenser. 1 RF 17 coil. 1 RF 18 coil. 1 Auto couple coil. 2 Thordarson R200 transformers. 9 Benjamin cushion sockets. 2 Marco dials. 2 20-ohm rheostats. 1 Potentiometer. 6 Amperites. 9 Binding posts. 4 R.E.L. type F units. 1 Two-circuit jack. 1 Single-circuit jack. 1 Filament switch. 1 10¼-in. shaft. 1 B.P. strip. 1 4½x4½ bakelite strip. Screws, wires, bus bar, lugs, diagrams.

B8825. Retail Value $113.25

YOUR NET PRICE

$70.95

AERO SHORT WAVE CONVERTER KIT

Adapts any radio receiver to short wave reception from 15 to 250 meters. Wonderful long distance results and exceptional records for long range reception have been established in short waves. The owner of any radio receiver can build this Converter at little expense and use his receiver either for broadcast or short wave reception at will. The Converter can be quickly disengaged from the radio receiver for reception from 200 to 550 meters. The same excellent results may be secured with the short wave Converter in any radio set as are being obtained with the nationally known, famous Aero Short Wave Kit. **Uses only one 201A tube.**

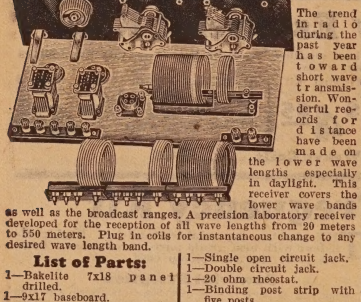
List of Parts:

1 Aero Short Wave Tuner Kit, $12.50; 1 Amsco .00025 S.T.L. condenser, $3.00; 1 Amsco .00014 S.T.L. condenser, $2.75; 5 Aero 60 chokes, $1.50; 1 Carter .0001 grid condenser, 50c; 1 Tobe tipon 5 meg. grid leak, 50c; 1 Benjamin cushion socket, 75c; 1 Carter 25 ohm rheostat., 50c; 2 National type B dials, $5.00; 1 7x14 panel, $1.50; 1 7x13 subpanel, $2.15; 1 pair Aero sub-panel brackets, 70c; 1 tube base, 20c.

No. B8879. Total List $31.55

Your Price $18.55

New Short Wave Kit



20 to 550 Meters

The trend in radio during the past year has been toward short wave transmission. Wonderful records for distance have been made on the lower wave lengths especially in daylight. This receiver covers the lower wave bands as well as the broadcast ranges. A precision laboratory receiver developed for the reception of all wave lengths from 20 meters to 550 meters. Plug in coils for instantaneous change to any desired wave length band.

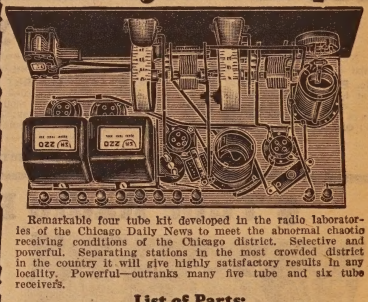
List of Parts:

1—Bakelite 7x18 panel drilled.
1—9x17 baseboard.
1—.00014 SLF variable condenser.
1—.00035 SLF variable condenser.
1—Benjamin UX cushion socket.
2—Bakelite UX sockets.
1—Set short wave plug in coils, 20 to 250 meters.
1—Plug in coil, 200 to 550 meters.
2—3 to 1 audio transformers.
1—Single open circuit jack.
1—Double circuit jack.
2—20 ohm rheostat.
1—Binding post strip with five posts.
1—Binding post strip with two posts.
2—Kurz-Kasch aristocrat vernier dials.
1—Grid leak 2 meg.
1—By-pass condenser .001.
Blue print and diagram and bus bar wire.

No. B8813. List. $40.00.

YOUR PRICE $16.75

New Improved Daily News 4



Remarkable four tube kit developed in the radio laboratories of the Chicago Daily News to meet the abnormal chaotic receiving conditions of the Chicago district. Selective and powerful. Separating stations in the most crowded district in the country it will give highly satisfactory results in any locality. Powerful—outranks many five tube and six tube receivers.

List of Parts:

1—Aero foundation unit.
1—Set Aero coils, type U95.
2—Amsco .0005 type 1223 condensers.
1—Amsco .00025 type 514 condenser.
2—Silver Marshall drum dials.
1—6 ohm rheostat.
1—Kurz-Kasch knob.
3—Silver Marshall 511 sockets.
1—Benjamin UX socket.
2—Silver Marshall 220 audio transformers.
1—Carter .00025 condenser.
1—Tobe 2 meg. tipon grid leak.
1—XL variodenser. Model N.
11—XL binding posts.
1—Aero type 60 R.F. choke.
Screw assortment and bus bar.

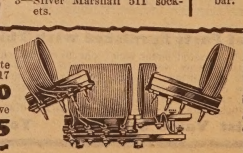
Short Wave Plug In Coils

Set of 3 interchangeable low loss short wave coils, complete with base. 20 to 250 meters. Tunes with one .00014 or .00017 and one .00035 condenser.

No. B1158. YOUR PRICE $3.50

Plug-in Coil, 250-550 meters. Interchangeable with above short wave coils. Covers broadcast range.

No. B1159. YOUR PRICE $1.15



No. B8814. List $55.40

YOUR PRICE

$31.75

MAGNAFORMER, A. C.

All Electric—No Batteries

The sensational Magnaformer 9-8 receiver redesigned for A. C. all electric operation is a proven success. Unlike the usual A. C. circuits the Magnaformer Electric uses heater tubes throughout with the exception of the output which may be a 112 or 171 power tube. This insures freedom from the usual source of A. C. line disturbances and makes possible an electrically operated receiver that is perfectly quiet and stable in operation. Uses 8 UX227 A.C. tubes and one power tube.

Electrification of the Magnaformer in no way impairs its efficiency. Sharp tuning—hair line selectivity. Builds up weakest distant stations to full local volume. Sensitive but non-critical. Superb tone quality. Highest grade amplifier.

Any standard "B" eliminator and the Thordarson filament lighting transformer or the Silver-Marshall 325 transformer will operate the receiver without batteries. A filament heating transformer is not required with such power units that are designed with filament windings for supplying A. C. tubes.

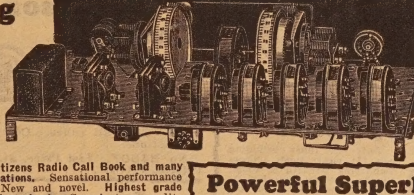
No. B7053
Your Price $76.95

LIST OF PARTS

1—7x26 front panel	$ 6.50
1—9x25 sub panel	6.50
5—Magnaformer intermediate transformers	42.50
1—Uncoupler	6.50
2—Remler universal drum dials	9.00
2—Remler .0005 condensers	10.00
8—Benjamin No. 9037 sockets	7.20
3—Benjamin No. 9044 socket	.50
1—Pair Benjamin sub panel brackets	.70
2—Ferranti AF4 transformers	17.00
1—National tone filter	7.00
1—Samson No. 125 R. F. choke	2.25
2—Aerovox .00025 grid condensers	.80
1—Aerovox .0001 condenser	.40
2—Aerovox 1. by-pass condensers	1.80
3—Durham 2 meg. grid leaks	1.00
1—Yaxley No. 660 cable connector	2.50
1—No. 6 jack switch	1.25
1—Frost 200,000 ohm variable resistor	1.75
1—Frost 500,000 ohm variable resistor	1.75
2—Frost FT64 tapped resistors	2.00
4—tip jacks	.60
wiring diagram, screws, lugs, wire, etc.	2.00
Total List	$131.50

Magnaformer 9-8 Receiver

Featuring The Latest Citizens Circuit



Total List $130.60

YOUR PRICE $76.95

SPECIFIED in the Citizens Radio Call Book and many of the latest publications. Sensational performance—advance design. New and novel. **Highest grade laboratory construction throughout.** Superb tone quality with the new, unique Ferranti transformers. Amplifies all frequencies equally, naturally and with fidelity. **Hair splitting selectivity cuts through local stations.** Builds up weak distant signals to full local volume. Great distance getter. Remarkable non-critical sensitivity. Easy to tune. The shielded coils insure quiet operation and freedom from interstage coupling and pick-up. Double amplification per stage. Uniform amplification of all broadcast frequencies. Has **lastest illuminated drum dials.** Attractive factory built appearance. A turn of the switch will convert the Magnaformer from a nine to an eight tube receiver at will. **Established a record for distant reception.**

Easy to Build and Wire

Furnished with complete full size blue prints and assembly plans. Simple to construct a precision built instrument that ranks foremost in laboratory circuits and which is now available to amateurs and set builders as the perfection of a truly remarkable receiver designed from the best available parts.

Powerful Superheterodyne

A new design in superheterodyne circuits. Increased tube for tube efficiency. Each stage individually sharp tuning differing from usual superheterodyne circuits where several successive broad stages proceed only one so-called sharp tuning filter stage. **Each individual radio frequency stage in the new Magnaformer circuit is sharply peaked.** This results in utmost selectivity without interference and increased step-up amplification.

Power Amplification

While great stress has been laid upon the efficiency of the radio frequency end of the new Magnaformer-8 the audio frequency circuit has been carefully engineered to give perfection of tone. **Full power amplification is obtained.** Uses the power tubes 112 and 171 in combination. The wonderful Ferranti transformers giving equal amplification and tone filter output, the results obtained are astounding. The use of output tone filter keeps direct current out of loud speaker and permits the amplification of maximum voltage to the 171 tube without danger of injury to the speaker. **Tremendous volume. Perfect tone quality.**

LIST OF PARTS

1 Bakelite panel 7x26, $6.50; 1 Bakelite sub panel 9x25, $6.50; 5 Magnaformer intermediate transformers, $42.50; 1 uncoupler unit, $6.50; 2 Remler universal drum dials, $9.00; 2 Remler .0005 condensers, $10.00; 9 Benjamin UX cushion sockets, 9044, $4.50; 1 pair Benjamin sub panel brackets, 70c; 2 Ferranti audio transformers, $17.00; 1 National tone filter, $7.00; 1 Samson R. F. choke 125, $2.25; 2 Aerovox grid condensers .00025 80c; 1 Aerovox .001 condenser, 40c; 1 Aerovox, 1 mfd. bypass condenser, 90c; 2 Durham grid leaks 2 meg., $1.00; 1 Frost 400 ohm potentiometer, $1.25; 1 Frost 10 ohm rheostat and battery switch, $1.35; 1 Frost 10 ohm rheostat, $1.00; 1 Frost 30 ohm rheostat, $1.00; 4 Frost tip jacks, 60c; 2 Amperites 112, $2.20; 1 Yaxley cable connector, $3.00; 1 Carter jack switch No. 6, $1.25; 2 2-in. right angle supports, 10c; 1 3x3½x2 block, 10c; 1 wiring diagram, screws, wire, lugs, etc., $2.20.

Total List $129.60
No. B8868
YOUR PRICE $76.21

MAGNAFORMERS

Precision long wave transformers. Highest grade laboratory construction throughout. Hair splitting selectivity. Adaptable to any superheterodyne circuit. Completely shielded, thoroughly protected from moisture, dirt and dust. Perfectly matched and factory sealed.

No. B3145. RF 61 Long Wave Intermediate. List, $8.50. NET **$5.00**

No. B3146. CU 71 Uncoupler. List, $6.50. NET **$3.81**

Jefferson Tube Rejuvenator

201A and 199 tubes may be successfully rejuvenated when they lose their pep after months of constant use. An old tube reactivated will give the same excellent service as a brand new tube. Burned-out tubes, however, cannot be rejuvenated. Paralyzed tubes can be brought back to their former efficiency after rejuvenation.

The new Type 275 rejuvenator has no sockets. It is connected to any radio receiver and alternating current, 110 volt, 50-133 cycle light line, and it will rejuvenate all of the tubes in the set at once, regardless of what kind they are.

No. B4501. Type 275. List Price, $4.50. YOUR PRICE **$2.65**

Jewell Home Tube Checker

Tests all type tubes.

It is a simple matter to test any tube with the Jewell tube checker. Essential for radio owners and dealers to determine the tube's condition. Jewell products nationally known. High quality apparatus. Accurate. Complete with cord, plug, adapter.

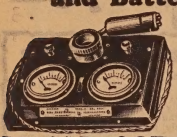
No. B4502. List, $12.50. YOUR PRICE **$7.96**

Sterling Home Tube Tester

A tube tester that anyone can use. Admirably adapted for home and dealer use. **Shows the condition of any 201A tube.** Tubes often light but fail to function properly. The tube tester enables anyone to instantly check up on all 201A tubes.

No. B4503. List Price, $7.50. YOUR PRICE ... **$4.39**

Sterling Universal Tube and Battery Tester



Tests all tubes including new 171 power tubes. Shows amplifying strength of tubes. Checks circuits, transformers and batteries. Ideal for the dealer and service man.

No. B4504. List, $25.00. YOUR PRICE .. **$14.70**

Sterling Reactivator

New small compact midget reaccivator. Highly efficient for large and small tubes. Rejuvenates old dull tubes to the efficiency of new ones.

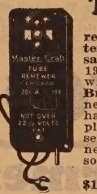
No. B4506. List Price, $3.75. YOUR PRICE **$2.42**

2 Meter Tube Checker

Checks tubes accurately. Professional type for dealer and service man. 0-6 volt-meter. 0-10 milliam. Popular moderate priced checker. Every set owner needs one.

No. B4505. List, $7.50. YOUR PRICE..... **$4.40**

Master-Craft Tube Renewer



Rejuvenates any radio tube direct from the "B" batteries. **Master-Craft Tube Renewer is universal.** It will rejuvenate UV and UX 199 tubes, 201A and 200A tubes with new and old style bases. **Brings back paralyzed tubes.** Renews efficiency of old tubes that have become dull with use. Simple to use. Operates direct from set batteries. Need not be connected to the light socket.

No. B4510. List, $1.00. NET..... **64c**

Jefferson Tube Checker

Every dealer needs a tube checker to determine the condition of tubes and the need for rejuvenation. An efficient tube checker at an extremely low price. Tests all tubes. Complete with instructions.

No. B4507. List Price, $4.50. YOUR PRICE, EACH **$2.65**

Jewell Test Set

Radio Set Analyzer

Pattern No. 133

Provides a rapid means of shooting or locating trouble in any radio set. Will check the grid plate and filament condition of all tubes. Has separate terminals for making circuit tests with the instrument used either as a high resistance voltmeter or as a milliameter. Locates short circuits, open circuits, high resistance connections and other sources of trouble. Combination scale readings are 0.8-80-200 volts and 0.20 milliameters. Genuine morocco leather covered case with carrying handle.

No. B4508. List Price, $65.00. NET **$47.80**

Jewell Tube Checker

Pattern No. 115

For the rapid checking of the characteristics of vacuum tubes. Will test all type tubes including power tubes. Has dual reading plate milliameter with 0-8-40 milliamperes scale. The low range is used for checking 199 and 201A tubes. The 0-40 M. range provides for checking power tubes of all types. Few tube checkers are adaptable to universal tube checking as this. Contains filament voltmeter with 0-8 volt scale. The case is genuine bakelite with carrying handle. An ideal service set.

No. B4509. NET **$20.21**

LIST, $27.50

Amsco Orthophone

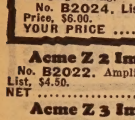
A new Output Filter. Connects between the last tube of receiver amplifier and the loud speaker. Keeps heavy D.C. out of the windings, reduces rattling, chattering and distortion. Connects without changing wiring.

No. B2024. List Price, $6.00. YOUR PRICE **$3.52**

Acme Z 2 Impedance

No. B2022. Amplifying impedance. List, $4.50. NET **$2.64**

Acme Z 3 Impedance



The Z 3 unit is a single stage amplifier unit consisting of a coupling unit and condenser with impedance leak. Used by replacing 1 stage of audio transformer in 2 stage amplifier. The Z3 is just right for HI-MU tubes

No. B2021. List, $5.00. NET **$2.94**

Muter Clarifier

Tone Filter, improves tone quality and volume. Protects loud speaker windings and permits high voltage from power tubes. Has binding posts and phone cord. Easily attached without changing wiring, highly enameled metal contained. Size, 4 in high, ¾ in. long, 2⅝ in. wide.

No. B2023. List Price, $5.00. YOUR PRICE **$2.94**

Knight Tone Filter

New output tone filter. Improves tone quality. Protects loud speaker. Keeps direct current out of speaker windings. Permits the use of high voltage and current with new power tubes. Recommended for all the new circuits. Large core. Heavy windings. Beautifully richly finished enameled case. Knight quality. Lowest price, popular seller.

No. B3004. List, $5.00. YOUR PRICE **$2.10**

Filter Choke Type 96. 30 Henry Choke for "B" Eliminator Filter. Will pass 85 mills. for Raytheon B. H. tube.

No. B3005. List, $5.00. YOUR PRICE **$1.75**

Na-Ald Truphonic

Individual Na-ald dual Impedance truphonic couplers. Brackets included for mounting. Can be used with any set. Kit or circuit. Quality amplification with power adaptability.

No. B2025. 1st stage coupler.
No. B2026. 2nd or 3rd stage coupler
No. B2027. Output unit. List each, $5.00. NET **$2.94**

National Tone Filter

Improves tone quality. Keeps direct current out of loud speaker. Tobe 2 mfd. condensed built in. 5-ft. cord and attractive crackle finished case.

No. B2033. List, $7.00. YOUR PRICE **$4.12**

Thordarson Autoformer

No. B2028. A form of impedance coupling that has gained great popularity. Three stages are required, but output is greater than two transformer stages and quality is better than ordinary transformer coupled amplifier.

List, $5.00. Single. YOUR PRICE **$2.94**

Set of 3. YOUR PRICE..... **$8.82**

Thordarson 196 Choke

30 Henry Choke for "B" Eliminator filter circuits and as output filter with 4 mfd. condenser. Keeps direct current out of loud speaker windings. Improves tone quality.

No. B2029. List, $5.00. YOUR PRICE..... **$2.94**

Amerchoke Type 854

Scientifically designed impedance for use in "B" eliminator filter circuits. High current carrying capacity. May be used in practically any type "B" eliminator. Also used for by-passing direct current from the loud speaker with a by-pass condenser of approximately 4 mfd. Protects loud speaker from high voltage. Improves tone quality.

No. B2030. List Price, $6.00. YOUR PRICE **$3.80**

Remler R. F. Choke

R. F. choke coils are specified for more and more circuits. Limits R. F. currents to circuits where intended. Prevents high frequency R. F. currents from entering A. F. section, causing distortion. For use in any radio frequency, superhet, or reflex circuit. Also for the Infradyne. Molded bakelite case. Only 1 in. in diameter and 1 in. depth.

No. B2031. List Price, 90c. YOUR PRICE..... **54c**

Muter R. F. Choke

A new choke used and specified in many circuits and kits for confining R. F. currents to their respective circuits. Prevents R. F. feedback through batteries and eliminators. Black moulded bakelite case. Single hole mounting.

No. B2032. List, $1.00. NET **59c**

Samson Impedance

New audio impendances for quality amplification. Helical wound for low distributed capacity. New Dual Impedance remarkable development, covers full range of audio frequencies.

No. B2034. Dual Imped. Type D. List, $5.00. NET.. **$2.94**

No. B2035. Output Imped. Type O. List, $5.00. NET **2.94**

No. B2036. Grid Imped. Type G. List $4.50. NET... **2.60**

No. B2037. Plate Imped. Type P. List $5.00. NET.... **2.94**

No. B2038. Push-Pull Output Imped. Type Z. List, $5.00. NET..... **2.94**

Samson Chokes

Audio and radio frequency choke coils. Smooths out current in audio and radio frequency circuits. Reduces distortion and noise or "static" caused by rundown or noisy batteries. Keeps current in that part of the circuit where it is intended and prevents audio frequency oscillation.

No. B2039. Audio Choke Type 3. List, $3.25. NET.... **$2.10**

No. B2040. R.F. Choke. Type 85. List, $2.00. NET... **1.30**

No. B2041. R.F. Choke. Type 125. List, $2.25. NET. **1.45**

No. B2042. R.F. Choke. Type 500. List, $2.75. NET. **1.75**

All-American Trio Impedance

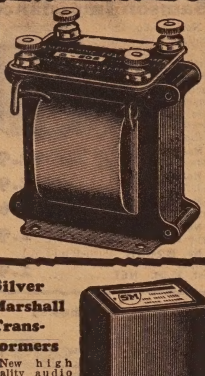
For use in the Rauland Trio. Uses a Rauland Lyric Transformer in the first stage. Rauland Trio type R-300 impedance 2nd stage, and type R-130 in the 3rd and final stage. Full amplification is secured without sacrifice of efficiency. List Price, $6.00. EACH

No. B2043. R-300. Your No. B2044. R-310. Price **$3.52**

Sprague Tone Control

An entirely new principle of tone and volume modulation. Gives tone flexibility to set and speaker and greater volume capacity to the speaker. Absorbs a share of static and tube noises insuring clearer and truer tone quality. Yokes possible full benefits of the new power tube by matching its impedance to the speaker. No changes in set wiring are necessary. Rugged and moisture proof construction. Handsome bakelite case.

No. B2045. List Price, $3.50 each. NET..... **$2.10**



Our Shielded Specials

Columbia transformers are of high quality, carefully made with large cores of silicon steel and large windings. Furnished in high and low ratio types. For greatest amplification without sacrifice of tone quality. **These transformers are equal to the finest and are offered to you at a remarkable low price only because they are products of our own manufacture.** They may be used in any circuit with splendid results. Unshielded sub-panel transformers are made to the same specifications for manufacturer's use.

SHIELDED
List Price, $4.50

B2100	3½	to 1	**98c**
B2101	6	to 1	
B2102	2	to 1	

SUB-PANEL
List Price, $3.00

B2103	6	to 1	All Ratios
B2104	3	to 1	**89c**
B2105	2	to 1	

Silver Marshall Transformers

New high quality audio transformers used and specified in the latest kits and circuits. Highest efficiency. Wonderful quality.

No. B1065. SM-220 Audio. List, $8.00. NET..... **$4.70**

No. B1064. SM-221 Output. List, $7.50. NET..... **4.41**

No. B1056. SM-222 Output, with tip jacks and cord. List, $8.00. NET..... **4.70**

No. B1054. SM-230 Push Pull Input. List $10.00. NET **5.88**

No. B1053. SM-231 Push Pull Output. List $10.00. NET **5.88**

Sterling Power Outfit Transformer

Protects loud speaker from high voltage used with power tubes. Should be used with all radio sets whether or not power tubes are in use. Improves tone quality. Can be instantly connected to any set. Need not be installed in set proper.

No. B2106. List, $5.00. YOUR PRICE.... **$2.94**

Thordarson Transformers

Thordarson transformers are the standard for many manufacturers. They are excellent electrical instruments and the manufacturers stand behind them with years of experience. **Amplification without distortion.**

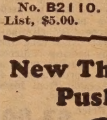
YOUR PRICE

No. B2108. 3½ to 1. List, $4.00. **$2.35**

No. B2109. 6 to 1. List, $4.50. **2.65**

No. B2110. 2 to 1. List, $5.00. **2.94**

New Thordarson Push Pull



New large push pull transformers. Matches the R200 and autoformer. For full wave power amplification.

No. B2111. List Price per pair, $16.00. YOUR PRICE **$9.40**

Ferranti Transformers

High amplification ratio with flat curve. Ferranti brings out the fundamental frequencies of low tones. Transformer step up efficiency with impedance and resistance tone quality. Consistent amplification over the full musical range. Two types. Type A.F. 3 for the best available transformer results ratio 3½ to 1.

No. B2112. A.F. 3. List Price, $12.00. YOUR PRICE..... **$7.06**

No. B2113. Type A. F. 4, a transformer far superior to the average, ratio 3½ to 1. List Price, $8.50. YOUR PRICE... **$5.00**

Dubilier Duratran

No. B2115. A self-tuned radio frequency transformer that does not require a tuning condenser. **Highly recommended for reflex receivers.** List Price, $4.00. YOUR PRICE...

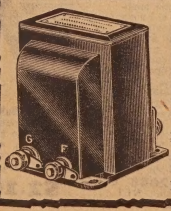
$2.35

Acme R. F. Transformer

The Acme R. F. Transformer is selftuned for radio frequency or reflex circuits. Especially for the Acme 4 and 5-tube receivers. List Price, $3.00. NET

B2116.	R-2,	1st stage.	**$1.76**
B2117.	R-3,	2nd stage	
B2118.	R-4,	3rd stage	

Thordarson R-200 Transformer



The latest product of the Thordarson Electric Mfg. Co. It is a large transformer with a heavy iron core. The ratio is low and the windings large. It has the flattest curve of any transformer that has been on test. Amplifies the lower musical scale as well as the higher portion with the overtones. Specified for many new circuits.

List Price, $8.00
B2107 Your Price **$4.71**

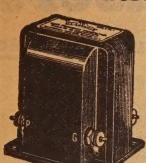
New Karas Audio

Highest quality audio transformers. Most recent development. Latest design. Clear undistorted amplification. Completely shielded. Easily mounted. Long lugs for ease of wiring, permits subpanel mounting. Completely impregnated. Unaffected by heat and moisture. Specified for the new equamatic and many other new circuits.

No. B1045. List, $8.00.

Your Price **$4.71**

All-American



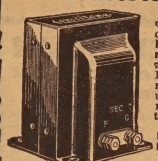
All-American transformers are nationally known. They have been standard for years. Fully shielded and electrically perfect.

No. B-2002. 3-to-1. List, $4.50. YOUR PRICE **$2.65**

No. B2003. 5-to-1. List, $4.50. YOUR PRICE **$2.65**

No. B2004. Push-Pull, per pair. List, $10.00. YOUR PRICE..... **$5.88**

New Jefferson Concertone

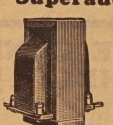


The new concertone reproduces both high and low notes equally and faithfully. Fully sealed in new model case unaffected by moisture or temperature.

No. B2015. List, $6.00. NET **$3.53**

No. B2016. Jefferson Output Filter. Keeps the heavy D.C. out of speaker windings. List, $8.00. NET **$3.53**

Pacent Superaudioformer

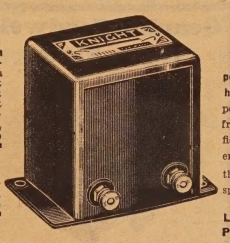


High quality audio amplifier for any audio circuit. For high degree of amplification over the entire range of sound frequencies. May be used in power amplifiers with plate voltages even up to 450 volts. **Input type** for first, second or third stages and **Output type** for coupling loud speaker, keeping the D.C. out of the speaker windings.

No. B2017. Superaudioformer. Input Type. **No. B2018.** Superaudioformer, Output Type. List, each, $7.50. NET **$4.41**

Knight Transformers

Audio



New, large, scientifically designed, high quality audio transformers. Perfect amplification—natural quality reproduction over entire musical scale from the lowest bass to the highest treble notes. Fast selling, modern transformers—the finest transformers ever designed for amplification.

No. B3001. Knight Audio K200. List, $10.00. YOUR PRICE..... **$3.45**

No. B3002. Knight Output Transformer, designed to keep the direct current out of the loud speaker windings. List $6.00. YOUR PRICE **$2.95**

Push Pull

These new push-pull transformers make possible a quality of power amplification heretofore never reached. Used with power tubes of the 112 or 171 type with from 135 to 180 v., as great power amplification may be secured as with the power tube UX210 with over 400 v. Keeps the D.C. out of the loud speaker.

No. B3003. Per Pair. List Price, $15.00. YOUR PRICE **$6.85**

Rauland Lyric

No. B-2001. For music lovers. This transformer has been designed for perfect amplification. No portion of the musical scale is slighted.

YOUR PRICE $5.29

Amertran DeLuxe

Equal amplification over the full musical scale. Remarkable results are due to special alloy core material. They are well made and will give long, dependable service. Metal case and embedded in a solid compound sealing from climatic and moisture changes.

No. B2019. 1st stage. List, $10.00. YOUR PRICE **$6.85**

No. B2020. 2nd stage. List, $10.00. YOUR PRICE..... **$6.85**

Karas Harmonik

No. B1043. This is the famous all-ratio transformer. The first of its kind developed. Reproduces high and low notes equally well without distortion. Fully shielded. One of the highest grade transformers on the market. List Price, $5.00. YOUR PRICE **$2.94**

Acme Audio

No. B2010. Acme MA2. New popular transformer for greater amplification without distortion. Equal amplification. High primary impedance. Ratio, 5 to 1. List, $6.00. NET **$3.53**

No. B2011. Acme A2 Audio Transformer. High efficiency for small size audio transformer. Low ratio. List, $3.00 NET **$1.76**

Samson

Famous helical wound transformer. Fine grade iron. Insures perfect amplification without distortion. The entire transformer is hermetically sealed.

No. B2005. 6-1. List, $5.00. YOUR PRICE..... **$3.19**

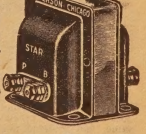
No. B2006. 3-1. List, $5.00. YOUR PRICE..... **3.19**

No. B2007. Symphonic. List, $10.00. YOUR PRICE **6.37**

No. B2008. Symphonic Push-Pull, per pair. List, $19.50. YOUR PRICE..... **$12.52**

No. B2009. Push-Pull Input Type X. List, $5.50. NET **3.50**

Jefferson Star



New Star fully sealed in new, well finished metal case. Small. Compact. A fine transformer with a comparatively flat curve. A splendid value.

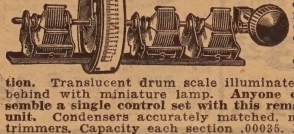
No. B2013. 3-to-1. List, $2.75. NET..... **$1.63**

No. B2014. 6-to-1. List, $3.00. NET..... **$1.77**

Variable Condensers

TRIPLE CONDENSER DRUM ASSEMBLY

Illuminated Drum for Single Control



The latest most modern condenser development. Practical single control. Low loss efficient triple condenser Modified S.L.F. Precision gear assembly. Vernier micrometric action. Translucent drum scale illuminated from behind with miniature lamp. Anyone can assemble a single control set with this remarkable unit. Condensers accurately matched, need no trimmers. Capacity each section .00035. Recommended for use with our space wound inductance. Furnished with miniature lamp.

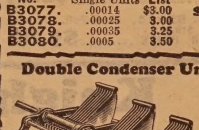
No. B3059. List, $15.00. YOUR SPECIAL PRICE $4.75

De Jur $1.60

Accurate matched variable condensers. Low minimum capacity. Hardened life time bearings. Furnished in single, double and triple units.

No.	Single Units	List	Net
B3077.	.00014	$3.00	$1.60
B3078.	.00025	3.00	1.60
B3079.	.00035	3.25	1.70
B3080.	.0005	3.50	1.85

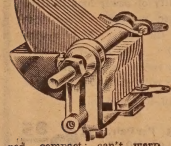
Double Condenser Units



No.	Double Units	List	Net
B3081.	.00035	$6.50	$3.50
B3082.	.0005	7.00	4.05
No.	Triple Units	List	Net
B3083.	.00035	$ 9.75	$5.20
B3084.	.0005	10.50	5.90

Hammarlund

Midline Condensers



A scientific precision condenser. Specially shaped plates for easy tuning on low waves. Adjustable ball-bearing rotor shaft. Rugged, compact; can't warp. Removable shaft permits ganging.

No.	Cap.	List	Net
B3060.	.0005	$5.50	$3.30
B3061.	.00035	5.25	3.15
B3062.	.00025	5.00	3.00
B3063.	.0001	4.75	2.85

MULTIPLE GANG MIDLINE

TWO GANG

No.	Cap.*	List	Net
B3064.	.00025	$7.75	$4.65
B3065.	.00035	8.75	5.25
B3066.	.0005	9.25	5.55

THREE GANG

No.	Plates	Cap.*	List	Net
B3067.	11	.00025	$10.00	$6.00
B3068.	17	.00035	12.00	7.20

*Capacities given are for each unit.

Genuine Cardwell Taper Plate

Series E

Modified S.L.F. characteristics secured with plates of extremely heavy gauge tapering in thickness. Will withstand the roughest usage. Its electrical efficiency is superior. Nationally known.

No.	Cap.	List	Your Price
B3073.	.00015	$4.00	$2.65
B3074.	.00025	4.25	2.75
B3075.	.00035	4.75	3.00
B3076.	.0005	5.00	3.38

Improved Hammarlund Jr.

New midget condenser. Low loss. Carefully and accurately designed. Highest quality.

No.		List	Net
B3094.	MC 5-16 mfd.	$1.50	$0.88
B3095.	MC 9-52 mfd.	1.50	.88
B3096.	MC 11-50 mfd.	1.75	1.03
B3097.	MC 15-65 mfd.	2.00	1.18

Amsco S.T.L.

Straight Tuning Line

Especially designed modified straight line frequency condenser which allocates stations on the dial in equal wave length divisions. Rugged construction. Perfect bearings, single hole mounting. Each section has a variable compensating condenser which may be adjusted to plate the entire radio frequency circuit. Shield 1".

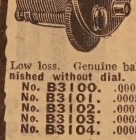
No.	Single Units	List	Net
No. B3085.	.00025	$3.00	$1.76
No. B3086.	.00035	3.25	1.95
No. B3087.	.0005	3.75	2.20
	Double Units		
No. B3088.	.00035	$6.50	$3.81
No. B3089.	.0005	7.50	4.41
	Triple Units		
No. B3090.	.00035	$ 9.75	$4.66
No. B3091.	.0005	11.25	7.60
	Quadruple Units		
No. B3092.	.00035	$13.00	$7.65
No. B3093.	.0005	15.00	8.32

Amsco Allocating S.L.F.

A straight line frequency condenser of unusual type. Constructed with the utmost care and precision. Aluminum frame, and soldered plates with flexible pigtailed connection. Nationally advertised and specified in most circuits. A wonderful seller.

No.	Cap.	List	Net
B3069.	.0003	$2.75	$1.58
B3070.	.00035	3.00	1.75
B3071.	.0005	3.50	2.05
B3072.	.00035	Double Unit. List. $6.00	3.53

Remler Twin Rotor



Nationally known Remler. The most popular of them all. Specified for the Infradyne, Nine in Line, World's Record Super, Remler Best and many others. 360° rotation for greater separation. Low loss. Genuine bakelite gears. Furnished without dial.

No. B3100.	.00035	S.L.W.
No. B3101.	.0005	S.L.W.
No. B3102.	.00014	S.L.F.
No. B3103.	.00035	S.L.F.
No. B3104.	.0005	S.L.F.

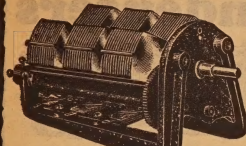
List, each, $5.00.
YOUR PRICE **$2.94**

Remler Standard Dial

No. B3105. List, $1.00.
YOUR PRICE **59c**

Lower Prices Than Ever

Remler Twin Rotor Condensers



New Remler single, double and triple condensers, 360° for greater separation. Welded corrugated plates. Double rotor. Genuine bakelite gears. Double and triple units have balancing condensers. Mounted on die cast aluminum frame, crackle finished. Furnished in either S. L. F. and S. L. W. types. Without dials. Specified for all the latest kits and circuits.

No. B3100.	.00035 S.L.W.	Single List 55.00 Each	YOUR PRICE	$2.94
No. B3103.	.00035 S.L.F.			
No. B3101.	.0005 S.L.W.			
No. B3104.	.0005 S.L.F.			
	TWO IN LINE			
No. B3106.	.00035 S.L.W.	List, $12.00.	YOUR PRICE	7.05
No. B3107.	.00035 S.L.F.	List, $12.00.	YOUR PRICE	
	THREE IN LINE			
No. B3108.	.00035 S.L.W.	List, $15.00.	YOUR PRICE	8.82
No. B3109.	.00035 S.L.F.	List, $15.00.	YOUR PRICE	

Pearl S. L. B. Condenser

Straight line broadcast. An accurate instrument with low minimum, ruggedly constructed with ball bearings. Aluminum and brass construction. Milled stator plates. Single hole and three hole mount. Specially priced at lowest discount.

No. B3110. Cap. .00035. List, $3.50. NET **90c**

No. B3112. .00035, Two-Gang. List, $6.50 ..... **$1.95**

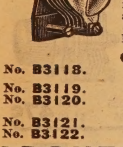
Cardwell Balancet

Midget Condenser

Midget Condenser. For use in balancing or phasing multiple condensers, neautralizing, controlling superheterodyne regeneration and as a means for compensating antenna variation. Sturdy plates of heavy gauge brass, nickel plated. Hardened steel bearing. Single hole mounting.

	Cap.	List	
No. B3123.	.000015.	$1.25	79c
No. B3124.	.000025.	1.25	
No. B3125.	.000035.	1.25	
No. B3126.	.000040.	1.50	96c
No. B3127.	.000050.	1.50	

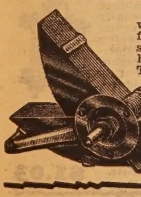
Cardwell Dual Balancet



Midget condenser having single rotor and double stator. Used for trimming double condensers and for neutralizing and controlling regeneration in superheterodyne.

	Capacity	List	
No. B3118.	.000015	$2.00	$1.30
No. B3119.	.000025	2.25	1.45
No. B3120.	.000035	2.25	
No. B3121.	.000040	2.50	1.62
No. B3122.	.000050	2.50	

Pacent S. L. F.

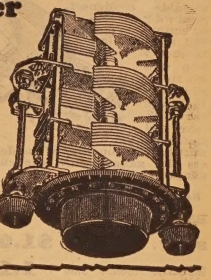


A true S. L. F. condenser with one hole mounting. Small frame reduces absorption. Insulating material is isolantite, having high dielectric value. The plates are permanently aligned.

No. B3098. Cap. .00035. List, $3.50. NET **$2.00**

No. B3099. Cap. .0005. List, $4.50. NET **2.63**

U. S. L. Compensated Multiple Variable Condenser



No. B3113. All 3 units are evenly matched and balanced. Two compensators to balance up any variation in the circuit or coils used. Each condenser .00035 capacity. Furnished complete with 3 in. bakelite dial and bakelite knobs on adjusters. Straight line characteristics. Extends 6¾ in. back of panel, 6 in. wide, 3 in. high when plates are unmeshed.

$8.30

NA-ALD Localized Control Unit

Multiple Condenser units on a straight shaft. Speedometer type controls for convenient manipulation. Control can be placed flush with panel. Escutcheon plate included. Makes fine looking job. Straight line .00035 condensers of best quality.

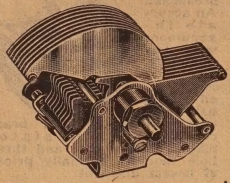
No. B3114. Double condenser. List $8.00. NET..... **$4.70**

No. B3115. Triple condenser. List $10.00. NET..... **5.88**

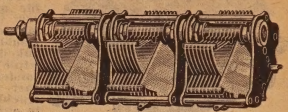
No. B3116. Quadruple condenser. List $15.00. NET..... **8.81**

Condenser Prices Slashed

Modified S.L.F. Condensers



Latest scientific design. Equal broadcast separation. Rugged construction. Rotor and stator plates rigidly spaced. Adjustable rotor. Removable shaft permits ganging in double, triple or larger sections. New frame allows base, sub-panel or single-hole mounting. Brass construction. Life-time cone bearings. A tremendous value. Specially priced at one-half regular price.

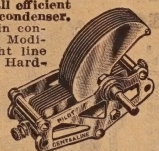


	Retail List	NET
No. B3027. Single .00035	$3.00	$ .90
No. B3028. Single .0005	$3.50	1.15
No. B3029. Double .00035	$6.00	1.95
No. B3030. Double .0005	$7.50	$2.50
No. B3031. Triple .00035	$9.00	2.90
No. B3032. Triple .0005	$12.00	3.85

EXTRA SHAFTS

No.	Length	Net
B3033.	5 in.	2 gang..10c
d3034.	8 in.	3 gang..15c
B3055.	10½ in.	4 gang..20c

Pilot Centraline Capacigrad



New small efficient variable condenser. Sturdy in construction. Modified straight line frequency. Hardened bearings. Shaft extends through rear end plate permitting the coupling of condensers in gangs with condenser adapter.

No.		List	YOUR PRICE
B3036.	.00017	$1.90	93c
B3037.	.0003	2.10	$1.05
B3038.	.00035	2.30	1.15
B3039.	.0005	2.50	1.22

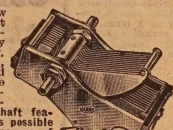
No. B3040. Coupling Unit or Adapter for Ganging Condensers. List, 35c. 25c

Benjamin S. L. F.

New straight line frequency small compact condenser. Ball bearing. Low loss. Brass dipped plates. Highly efficient.

No.		List	NET
B3041.	.00025	$3.50	$2.06
B3042.	.00035	3.75	2.20
B3043.	.0005	4.00	2.35

New Karas S. L. F.



New straight line frequency condenser, Super panel, baseboard or single hole mounting. Removable shaft feature makes possible the ganging up of condensers in double, triple or larger units. Scientifically designed plate separates stations equally over entire wave length range.

No.		List	YOUR PRICE
B3044.	.00025	$5.00	$2.94
B3045.	.00037	5.25	3.09
B3046.	.0005	5.50	3.23

Karas Orthometric

Straight line frequency condenser of high development. Ruggedly constructed. Brass plates. Laboratory instrument.

No. B1038. Cap. .00014 7 Plate. List, $6.50. NET.		$3.81
No. B1037. Cap. .000025. List, $6.50. NET.		3.81
No. B1041. Cap. .00037. List, $6.75. NET.		4.07
No. B1040. Cap. .0005. List, $7.00. NET.		4.12

Bakelite End Condenser

A very sturdy heavy aluminum alloyed plate condenser, which is perfectly spaced to insure smooth, even, reliable capacity. End plates genuine bakelite. High grade workmanship throughout and a very unusual value. All condensers fitted with ¼ in. shaft.

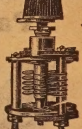
No.		YOUR PRICE
B3051.	11 plate.	.00025..60c
B3052.	17 plate.	.00035..70c
B3053.	21 plate.	.0005...72c

Pilot Neutrograd Midget Condenser

Efficient neutralizing or balancing condenser. Adaptable as trimmer for phasing multiple condensers or as super regenerative control.

No.		List	
B3054.	.00005	List $1.00	47c
B3055.	.00005		

Chelton Midget



Low loss midget condenser. Especially adapted for vernier control, balancing condenser, compensator or loop regeneration control for Super heterodyne, brass plates and aluminum end plates.

		NET
Panel Mount		
No. B3056.	9-plate .000035.	89c
No. B3057.	13-plate .000045.	
Base Mount		
No. B3058.	9-plate.	$1.03

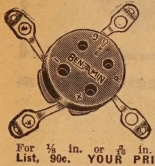
Sockets That Sell

Bakelite Cushion

Genuine bakelite shock absorbing socket. Sub-panel or base mounting. Reduces microphonic tube noises.
No. B2202. NET PRICE **18c**

Benjamin Subpanel

Without Base for Direct Sub-Panel Mounting



No. B2206. For ⅛ in. panel. List, 50c. YOUR PRICE **29c**

No. B2207. For ¼ in. panel. List, 50c. YOUR PRICE **29c**

Five Prong Sub-panel Socket.
No. B2208. For ⅛ in. or ¼ in. panel. List, 90c. YOUR PRICE.... **53c**

Frost UX

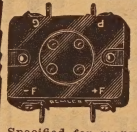
Square compact UX socket for all UX tubes. Genuine moulded bakelite. Phosphorous spring contact.

No. B2215 List Price, 40c. YOUR PRICE ... **24c**

FROST SUB-PANEL

No. B2217. List, 40c. YOUR PRICE **24c**

Remler UX



The Remler socket is nationally known. It is compact and easily connected in any circuit. Moulded bakelite. Fits all UX tubes.

Specified for many circuits.
No. B2209. List Price, 50c. YOUR PRICE..... **30c**

New Eby Socket

May be mounted above or beneath sub-panel. Sub-panel wiring is possible either way. Three-point wiping spring contact full length of tube prongs. Beautifully moulded with new stippled finish. Top exactly the same size as tube base. Nationally advertised.

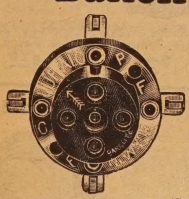
No. B2218. List price, 40c. YOUR PRICE..... **24c**

Bakelite UX Socket

Genuine molded bakelite socket. Positive wiping contacts. For sub-panel or baseboard mounting. Mounts to baseboard with single screw. A real value.

No. B2219. List price, 50c. YOUR PRICE..... **17c**

Bakelite Special UX Socket



A small general purpose UX socket for use with all new tubes. Save space in wiring. Genuine bakelite with side wiping contacts. No socket noises—contacts are always firm. An exceptional offer for a high-priced socket. UX sockets are specified for all of the new circuits. Solder Points extended.

No. B2201

List Price 50c

Your Special Price

14c

Benjamin UX Clear-tone

Spring cushion suspension reduces microphonic tube noises. For all UX and UV base tubes. Specified in the new circuits. Nationally known and advertised.

No. B2210. List 75c. YOUR PRICE..... **44c**

No. B2211. 201A. List $1.00. YOUR PRICE **49c**

No. B2212. 199. List, $1.00. YOUR PRICE **49c**

A. C. Socket for 227 Tubes

No. B2213. 5 Prong Type X. For A.C. detector tube. List, $1.20. NET **71c**

Pacent UX Cushion

Shock absorbing anti-capacity. Suspended on springs, prevents microphonics. Special construction reduces capacity between contacts. No losses. Perfect contacts. A big special.

No. B2221. List price, 65c. YOUR PRICE..... **39c**

Hoosick Universal Socket

A quality socket for UV or UX six-volt type tubes. Also for UX199 with adapter. Genuine bakelite. Phosphor bronze springs insure good contact. A genuine bargain.

No. B2204. List, 60c. YOUR PRICE **22c**

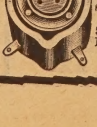
No. B2205. 199 Socket. List, 40c. YOUR PRICE.... **15c**

Tyrman Shielded Socket

Helps stabilize the radio circuit eliminating whistles, howls and microphonic noises. The shields are of heavy aluminum stock. The insulating parts are of genuine moulded bakelite. Mounts with one screw.

No. B2203. List, $1.25. NET **74c**

Amsco Floating



Small cushion type UX socket. An exceptional value. Genuine molded bakelite. Shock absorbing.

No. B2214. List $1.00. YOUR PRICE **58c**

Latest Vernier Dials

Genuine Bakelite Vernier

A handsome efficient vernier dial that makes possible sharp, easy tuning and close adjustment. Genuine molded bakelite with fine black satin finish. **Friction drive. No gears, no backlash. Vernier ratio 10 to 1.** Ample space for logging stations. **4 in. in diameter,** dual calibration 0-100-0. Simple to install on any set. Pleasing in appearance with finely milled knob.

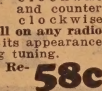
No. B2272. Retail, $1.00. YOUR PRICE..... **49c**

New B. M. S. Diamond Vernier

Metal vernier dial. **Smooth friction drive.** Combines ease of tuning with decorative design. Beautiful antique finish. Dual reading — clockwise and counter clockwise **Simple to install on any radio set,** improving its appearance and simplifying tuning.

No. B2223. Retail, $1.00. NET **58c**

Bakelite Pointer Rheostat Knob



Genuine Bakelite finely finished small pointer knob for rheostat or oscillation control. The pointer is gold etched and the knob is finely tapered and milled. Improves set's appearance.

No. B2225. Black **15c**

No. B2226. Walnut **17c**

Rheostat Knob

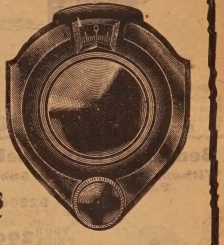
Genuine molded Bakelite rheostat knob with etched arrow pointer. Finely finished and polished. Finishes off the appearance of any panel.

No. B2227. Black **12c**

No. B2228. Walnut **12c**

Kurz-Kasch Vernier Dial

The Kurz-Kasch Dials have well earned the name **"Aristocrat of Dial."** This new black, highly polished bakelite vernier dial is novel and beautiful in design. The vernier action is smooth and the reduction high, enabling extremely fine tuning. The popular friction method of reduction is employed, thus the movement is smooth without play or back lash. Popular beautiful and efficient. **Easily mounted to any set.**



No. B2229. 200 to 0. **List Price**
No. B2230. 0 to 200. **$2.00**
No. B2231. 100-0-100.

YOUR PRICE $1.20 Less 2% **$1.18**

B. M. S. Vernier Dial

Bakelite moulded. The dial has readings through the window. Logging space is provided in two additional windows. Fine adjustment. Dual reading. Furnished with socket for illuminating bulb.

No. B2232. 0-100-0. Black.
No. B2233. 0-100-0. Mahogany.
List Price, $1.50. YOUR PRICE..... **88c**

Pilot Art Dial

New De Luxe model molded bakelite art dial. Beautiful in appearance and design, will enhance the appearance of any radio set panel. Has velvet vernier friction drive which has no back lash and does not slip. Sturdy and substantial. **It will easily carry and control ganged condensers or two and three sections.** Simple to mount on any panel. **Dual reading for clockwise or counter clockwise condensers.**

No. B2234. List 95c. NET **52c**

Etched Dial Plate

No. B2235. For use with pointer knobs. **Finely etched brass plate with accurate, sharp graduations.** Easily mounted on any panel. Especially recommended for use with the Bakelite pointer knob. Improves the appearance of set. Aids tuning by its sharp, easily read scale.... **30c**

Pilot Vernier Drum

New drum dials attractive in appearance. Provide high and low ratio vernier action for fine tuning. Easy to attach with any condensers. Smooth action, no back lash. Condensers can be mounted on both sides of drum. Furnished with beautiful escutcheon plate.

B2236. Single Drum. **List, $3.75. YOUR PRICE....** **$2.20**

B2237. Double Drum. **List, $7.00. YOUR PRICE....** **$4.10**

Karas Micrometric

A fine vernier, 63 to 1 ratio. Genuine black bakelite. Gold inlay markings. No back lash. Will not wear out. A fine tuning control that is absolutely accurate. Calibrated in 200 divisions. Diameter 4½ in.

No. B2240. 0-100.
No. B2241. 100-0.
List Price, $3.50. YOUR PRICE..... **$2.06**

B. M. S. Vernier Dial

We are making a remarkably special offer of this high priced quality dial. This is a dial that you can sell in quantities and use as a real leader. Beautifully etched brass. Has 15 to 1 reduction. Simple to mount. No holes to drill, replace the old dials on any set with this new vernier tuning dial. Our big special. Clockwise and counter clockwise.

No. B2238. 0-100.
No. B2239. 100-0.
YOUR PRICE **46c**

Vernier & Drum Dials

Remler Drum

A new popular condenser control. **Will drive all standard makes of condensers, single or in gangs of 1, 2 or 3 spiral gear drive.** No back lash. **Mounts behind panel and is lighted from a small six volt lamp.** Readings are clearly made through an embossed dial escutcheon plate which adds beauty to the panel. Positive and simple control. **Only the knob protrudes through the panel with the escutcheon plate immediately above it.** Ideal for use with Remler condensers of all types. Mounting template is included. Furnished in two styles from mounting condensers to right or left of drum.

No. B2242. Right hand mounting.
No. B2243. Left hand mounting.
List. $4.50. **YOUR PRICE..** **$2.65**

Pilot-Lite Dial

Electrically illuminated vernier dial. Mounts behind panel with only knob protruding through. Small electric lamp lights translucent scale or dial and window, making the figures easy to read. High ratio fraction drive without backlash. Condensers mount right on the dial. Universal for practically any type condenser. Furnished complete with miniature lamp and simplified drilling template.

No. B2257. List. $1.75. NET **95c**

Tyrman Vernier Drums

No. B2244. Tyrman Double Drum Control. A new genuine molded bakelite dial with two beautiful silver etched drums. Adaptable for all popular condensers. Furnished with beautiful escutcheon plate of attractive design. List, $10.00. NET..... **$5.88**

Tyrman Single Drum

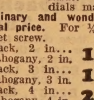
No. B2245. Identical to the double vernier drum except that it does not have the dual feature. Provides single control for ganged condensers. Furnished with beautiful figured escutcheon plate. **List. $5.00. NET.... $2.94**

Genuine Bakelite Dials

Genuine molded Bakelite. Beautifully finished tapered milled knob, just like the finers, deeply etched, enameled calibrations accurately and sharply made. All dials the matched. **An extraordinary and wonderful value at our special price.** For ¼ in. shaft. Has long set screw.

No. B2246.	Black, 2 in...	**15c**
No. B2247.	Mahogany, 2 in.	
No. B2248.	Black, 3 in...	**19c**
No. B2249.	Mahogany, 3 in.	
No. B2250.	Black, 4 in...	**22c**
No. B2251.	Mahogany, 4 in.	

Bakelite Pointer Knobs



Genuine Bakelite molded with pointer. Finely tapered and milled knob. Fits ¼ in. shaft. Pointer gracefully tapered and gold etched. Exceptional value. 2⅜ in. diameter with ⅛ in. pointer.

No. B2252.	Black	**15c**
No. B2253.	Mahogany	17c

Hammarlund Drum

No. B2254. New drum dial specified for the latest Hi-Q kit and in many new circuits. **Vernier tuning. Simplified control.** Beautiful design. Gives factory built appearance to any kit. Nationally popular. **Furnished with attractive finely finished escutcheon plate.**
List, $6.00. NET..... **$3.53**

Bakelite Vernier Knob

No. B2255. Genuine Bakelite finely polished vernier knob. Provides ease of micrometric vernier control with sets having etched panels. **Adaptable for use with the etched dial plate illustrated.**
List, 50c.
NET **25c**

Replacement Bulbs

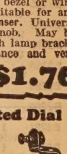
No. B2256. Tiny Mazda lamps for all types of illuminated vernier and drum dials. Also for Pilot Lites and Switches. Works off 6-volt battery
YOUR PRICE **15c**

Silver Marshall Drum

New 805 vernier drum dial furnished with attractive brass panel bezel or window. **Simple to mount. Suitable for any type standard shaft condenser.** Universal. Controlled by panel knob. May be illuminated. Furnished with lamp bracket. Attractive in appearance and very efficient.

No. B2258. List. $3.00. NET..... **$1.76**

Marco Illuminated Dial



With exception of the small knob and window, the entire dial is mounted behind the panel. The calibrated scale is translucent. A small light is mounted behind scale, illuminating it through the window.

No. B2259.	0 to 100.
No. B2260.	100 to 0.
No. B2261.	Marco 360°.

Illuminated For Remler condensers.
List Price, $3.00.
YOUR PRICE **$2.05**

Illuminated Vernier Dial

A finely made dial for mounting behind panel. Illuminates through translucent scale through an attractive panel window. **Provision is made for mounting all single, double and triple standard types of condensers.** May be used with any type kit. The condenser mounts right on the dial which in turn is mounted behind the panel with only the tuning knob, the window and the switch appearing on the panel. The switch controls the small **six volt lamp which is furnished with the dial.**

Friction drive. No gears, no back lash or play. The dial figures are large with fine degree calibration. Has finely milled attractive knob. **A real value made to sell at a high price. A special offer.**

No. B2262. List price, $3.00, including lamp **89c**

Uncle Sam Low-Loss Tuners

Three-circuit tuner, very selective. Windings red, white and green silk. Our special price offer on this low-loss tuner.

No. B2277. Set with .0005 condenser.... **90c**

No. B2278. Antenna coil used in some circuits with above tuner. **45c**

Midget Solenoid Coils

Space-wound with enameled wire. Accurate and efficient with lowest losses. Small and compact in size. Wound on 1¼-in. formalite tubing. Furnished with mounting brackets. Matched and may be used with triple-condenser for single-control. Tuned with .00035 condenser.

No. B2271. Set of 3. NET **95c**

Honeycomb Coils

Columbia honeycomb coils nationally known. Fit standard mountings. Moulded bakelite. Low distributed capacity.

No.	Price, Unmounted	No. of Turns	No.	Price Mounted
B2284	$0.26	25	B2293	$0.68
	Wavelength range—120-250			
B2285	.29	35	B2294	.70
	Wavelength range—175-450			
B2286	.31	50	B2295	.72
	Wavelength range—250-720			
B2287	.35	75	B2296	.75
	Wavelength range—390-910			
B2288	.40	100	B2297	.79
	Wavelength range—500-1,450			
B2289	.42	150	B2298	.81
	Wavelength range—600-2,000			
B2290	.80	1,000	B2299	1.25
	Wavelength range—4,000-10,000			
B2291	1.33	1,250	B2300	1.80
	Wavelength range—9,750-19,500			
B2292	1.65	1,500	B2301	1.90
	Wavelength range—14,500-26,500			

Honeycomb Coil Plug

No. B2398. Genuine bakelite plug for mounting on base or panel. Will fit all standard mountings.

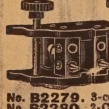
YOUR PRICE **25c**

Fibre Coil Strap

For use with above plug for mounting unmounted honeycomb coils.

No. B2399. 2 ft. length..... **8c**

De Forest Licensed Coil Mounting



Bakelite moulded. For honeycomb coils, long and short wave work. Popular with amateurs and short wave fans. List Price

No. B2279. 3-coil Mounting....$5.00
No. B2280. 2-Coil Mounting.... 3.50
No. B2281. Inside coil Mounting 6.00

YOUR PRICE EACH **$1.40**

Slotted Tuner

Three-circuit tuner wound on a skeleton form. Measures only 2⅞ in. long by 2⅜ in. in diameter. Great saving of space. Highly efficient. Lowest losses. Tuned with .0005 condenser.

No. B2263. NET **97c**

Slotted R. F. Coil

Radio frequency or antenna coil wound on skeleton form to match the baby slotted tuner. Highly efficient. May be used in the popular circuits with the tuner where single stage of T. R. F. and regenerative detector is specified. Tuned with .005 condenser.

No. B2264. NET **59c**

Transcontinental Duotrol

A new, compact, efficient, low loss, three circuit tuner. Self-supporting silk windings, basket weave air core. Has variable primary and variable tickler coil with two controls. Ease in controlling selectivity and sensitivity. Tuned with .0005 condenser.

No. B2265. NET **$2.59**

Bruno 99 Tuner and 99 Radio Frequency Coil

Specified for the "Diamond of the Air" and other popular kits. Colored silk wire wound on quartzite glass rods imbedded in bakelite frame. The tuner may be used wherever 3 circuit tuner is specified. For use with .0005 condenser. 99 Tuner and R.F. Coupler perfectly matched.

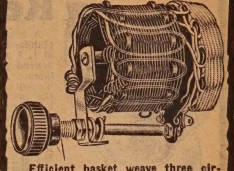
No. B2282. No. 99 Tuner. List, $5.50. YOUR PRICE **$3.22**
No. B2283. No. 99 R. F. List, $3.00. YOUR PRICE **1.75**

Sickles Shielded Coils

Sickles efficient diamond weave R.F. coil completely shielded in non-magnetic metal case. For use in any tuned radio frequency circuit. Sensitive and selective circuit can be constructed easily and simply by the amateur set builder.

No. B2276. List, $2.00 each. YOUR PRICE..... **$1.27**

Baby Low-Loss Three Circuit Tuner



Efficient basket weave three circuit tuner. An exceptionally sensitive and selective receiver can be constructed with this coil. Silk windings. Self-supporting. Air core construction. Single hole mounting. Tunes with .0005 condenser.

No. B2269. NET.. **95c**

Sickles Diamond Weave Coils

Highly efficient coils, practically self-supported. Sickles coils specified for Aristocrat, and other circuits.

No. B2273. Aristocrat Coils. List, $8.00. NET **$5.30**
No. B2274. Roberts Coils. List, $8.00. NET **$5.30**
No. B2275. Browning-Drake Coils. List, $7.50. NET **$4.95**

Space Wound Plug In Coils

A new, revolutionary design in tuning inductances, space-wound on threaded bakelite tubing with bakelite base with prongs that fit in any UX tube socket. Enables anyone to construct efficient, compact, neat appearing set. The wiring is made to any UX socket terminals—only necessary to plug in the coils. Tunes with .00035 condenser. Furnished in matched sets of three.

No. B2272. YOUR PRICE, NET **$1.58**

Birnbach Bakelite Tuner

A three circuit tuner wound on bakelite for use with .0005 condenser. 200 to 550 meters.

No. B2268. List, $2.00. YOUR PRICE **$1.20**

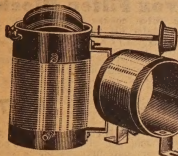
No. B2267. Bakelite R. F. Coil to Match. NET..... **75c**

Space Wound Solenoid Coil

Enamel on threaded bakelite tubing. Matched low loss. Very efficient. Selective. Used with .00035 condensers. May be used in units of three with three-gang, single control.

No. B2270. Per Set of 3. NET. PRICE **$1.10**

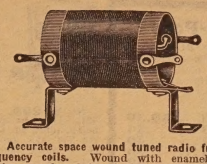
Space Wound Browning-Drake Coils



No. B2302. New improved tuner and antenna coil adaptable to the Browning-Drake circuit. **Space wound with enameled wire on threaded bakelite tubing.** Brackets for base subpanel or mounting on variable condenser. Antenna coil tunes with .0005 condenser. Regenerative tuner with tickler tuned with .00035 condenser. **Highest quality inductances. Efficient and accurate.**

List, $5.50. Net..... **$2.25**

Space Wound R.F. Coils

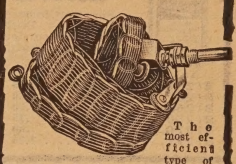


Accurate space wound tuned radio frequency coils. Wound with enameled wire on threaded bakelite tubing. **Accurately matched.** Low loss. High efficiency. **These new space wound coils are the standard of efficiency and comparison. May be used for single control.** Tuned with .00035 condensers. Extremely low price for high quality efficient inductances. May be used with any tuned radio frequency circuit. **Sold singly and in matched sets of three.**

No. B2314. Each, Retail, $1.00. NET..... **40c**

No. B2315. Set of 3, Retail, $3.00. NET..... **$1.20**

Selecto Three Circuit Tuner



The most efficient type of low loss coil. Bureau of Standards specifies loose basket-weave windings as ideal coil form. Self-supporting. Pigtailed. More than 50% discount on this fast seller.

No. B2311. List $2.50. YOUR SPECIAL PRICE..... **99c**

Space Wound Tuner

No. B2304. Latest design three circuit tuner. Small and compact. Space windings machine threaded.

List $2.50. NET. ... **$1.10**

Space Wound R. F. Coils

No. B2306. Accurately matches the space wound three-circuit tuner. May be used in connection with it in circuits specifying single stage T. R. F. and regenerative dectector. Space wound with enameled wire. Small and compact. List, $1.50. NET..... **65c**

Short Wave Tuner

No. B2305. Low loss three circuit tuner. **Ideally suited for short wave kits. Wave length from 37 to 100 meters.** Tuned with .0005 condenser. Compact in size. Lowest losses. High efficiency.

NET..... **$1.09**

No. B2307. 180° wavemeter. Net.99c

No. B2308. 180° variocoupler. Net.99c

Space Wound Coils

No. B2309. New low loss accurately matched coils. Wound on transparent celluloid tubing. **Practically self - supported.** Lowest dielectric losses. Permits use with ganged condensers for single control. Tunes with .00035 condenser. Bakelite brackets with lug terminals. List, set of 3, $3.00. NET..... **$1.15**

Shielded R. F. Coils

Space wound with enamel wire. Most efficient form of inductance. Each coil completely shielded in copper can, to prevent eddy current losses and pick up. Coils may be mounted close in any position. Cans crystallite finished with mounting legs. List $7.50.

No. B2319. Set of 3, YOUR PRICE..... **$3.95**

Benjamin Lekeless Coils

The latest product of the Benjamin Electric Co. These coils have a closed field, thus preventing magnetic or interstage coupling. Practically self-supporting with losses reduced to a minimum. List Price, $7.50 per set of 3.

No. B2310. Set of 3 matched coils for use with .00035 condenser. YOUR PRICE..... **$4.41**

Bodine Twin Coils

A new remarkable confined field coil. Reduces possibility of interstage coupling and pick-up. High step-up coupling makes it more sensitive to weak distant signals. **Specified for many of the latest kits.** May be used for multi-stages of tuned radio frequency. Buy a set of three.

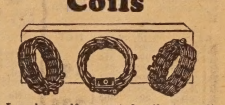
No. B2303. Type T 35 tunes with .00035 condenser. List $6.00. YOUR PRICE per set of three..... **$3.69**

Cockaday 4-Circuit Tuner

For all Cockaday receivers Wound with double white cotton wire on fibre tubing. Complete parts for this circuit sold elsewhere in this catalog.

No. B2316. PRICE. **$1.95**

Basket Weave Coils



Low loss self-supported coils for radio frequency circuits. No dielectric losses. Minimized distributed capacity. Color coded primary and secondary. For use with .00035 condenser. Easily mounted.

No. B2312. Set of 3. YOUR SPECIAL PRICE.... **94c**

Harkness Reflex and Counterflex Coils

Especially designed for the Harkness Reflex circuit. **These are quality coils.** Silk wound on genuine bakelite tubing. Easily mounted on condensers.

No. B2317. List Price, per pair, $2.00. YOUR PRICE.. **90c**

Counterflex coils, as shown.

No. B2318. List Price, per pair, $4. YOUR PRICE **$1.75**

Low Loss Solenoid Coils

Quality material. Not to be confused with many cheaper coils on the market. **Carefully and accurately wound and matched.** Low resistance. High inductance. Used in all standard R. F. circuits. Tune with .00035 condensers. Low loss coils of this type make possible selective reception. Matched coils can be efficiently used with gang condensers for single control.

No. B2313. Set of 3 **$2.35**

Aerovox Filter Condensers

Aerovox By-Pass

For continuous duty at not to exceed 200 v. D. C. In general use as by-pass condensers and filters. Encased in short, easily mounted can.

No.	Mfd.				
B1266.	.05	List....	$0.55	NET....	$0.30
B1267.	.1	List....	.60	NET....	.34
B1268.	.25	List....	.70	NET....	.40
B1269.	.5	List....	.75	NET....	.43
B1270.	1.	List....	.90	NET....	.52
B1271.	2.	List....	1.75	NET....	1.00

Aerovox Bakelite Molded Condensers

Genuine bakelite molded accurate condensers. Molded under terrific pressure. Accurate capacities, unaffected by heat or temperature changes. Moisture proof. Guaranteed accurate within 10%.

No.	Cap. Mfd.	List	NET	
B1333.	.0001	35c		
B1334.	.00015	35c		
B1335.	.0002	35c	19c	
B1336.	.00025	35c		
B1337.	.0005	35c		
B1338.	.001	40c		
B1339.	.002	40c	22c	
B1340.	.005	60c		
B1341.	.006	70c	39c	
B1342.	.01	90c	52c	

Grid Condensers

With clips for grid leak mounting.

No.	Cap. Mfd.	List. 40c NET
B1343.	.0001	22c
B1344.	.00025	
B1345.	.0005	

Aerovox Buffer Condensers

Type 440 consists of two .1 mfd. type 400 sections. For transformers with each half of the secondary delivering not more than 250 volts A.C.

No. B1291. Type 446.
List, $1.50.
NET **84c**

Type 1040

Consists of two .1 mfd. type 1,000 sections. Can be used safely with any type eliminating transformer.

No. B1293. Type 1046.
List, $2.75.
NET **$1.55**

Type 646

Consists of two .1 mfd. type 600 sections. For transformers with each half of the secondary delivering not more than 375 volts A.C.

No. B1295. Type 646.
List, $2.00.
NET **$1.10**

Aerovox Filter Blocks

Standard filter condenser blocks for the popular eliminator kit and power packs.

No. B1296. TYPE B220. For eliminators using the Raytheon "B" or similar gas filled 60 mil. rectifying tube with a power transformer of no load output exceeding 200 volts, each side of center tap. Consists of 14 mfds. tapped, common 2-2-8-1-1.
List Price, $10.00.
NET **$5.70**

No. B1299. TYPE ABC 421. For ABC power supply, using tubes of the Raytheon RA-350 MA type. Consists of 19 mfds. tapped, common 4-4-8-1-1-1.
List, $25.00.
NET **$14.60**

No. B1300. TYPE AM 600. For eliminators and power amplifiers having a power transformer of no load output not exceeding 540 volts, such as the Amertran P.F. 52. Consists of 10 mfds. tapped, common 2-4-4.
List, $15.00.
NET **$8.60**

No. B1297. TYPE BH 320. For eliminators using the Raytheon "B" or "BH" or similar 60 or 85 mil. gas content rectifying tube with a power transformer of no load output not exceeding 300 volts, each side of center tap. Consists of 14 mfds. tapped, common 2-2-8-1-1. Adaptable for Thordarson 171 Pack.
List, $11.00.
NET **$6.30**

No. B1301. TYPE TH 642. R210 BLOCK. For the Thordarson R210 power compact and eliminators of similar type. Consists of 11 mfds. tapped, common 2-2-2-1-4.
List, $15.00.
NET **$8.60**

Aerovox Filter

Type 400

Rated at 400 volts D.C. working voltage continuous duty. Non-inductive. Correctly rated.

Std.	Cap. Mfd.	NET
B1272.	.1	$0.55
B1273.	.25	.58
B1274.	.5	.80
B1275.	1.	1.00
B1276.	2.	1.70
B1277.	4.	3.00
B1278.	6.	4.10
B1279.	8.	5.20
B1280.	10.	6.60

Type 600

Rated at 600 volts D.C. for continuous duty. For high voltage "B" eliminators and power amplifiers. Ideal for use with 210 power packs. Non-inductive. Accurately rated. High insulation resistance.

Std.	Cap. Mfd.	NET
B1281.	.1	$0.58
B1282.	.25	.75
B1283.	.5	1.00
B1284.	1.	1.57
B1285.	2.	2.85
B1286.	4.	5.20
B1287.	6.	6.70
B1288.	8.	10.50
B1289.	10.	11.95

Dubilier Micadon

Type 601

Adopted by many of the leading set manufacturers and widely used by amateurs everywhere because of consistent, dependable accuracy. Best grade India sheet mica insulation and metallic foil placed between pieces of genuine bakelite and sealed under pressure. Each condenser is individually tested and capacity marked.

No.	Cap.	List	NET	
B4047.	.0001	30c		
B4048.	.00025	30c	18c	
B4049.	.0005	30c		
B4050.	.001	35c		
B4051.	.002	35c	20c	
B4052.	.0025	35c		
B4053.	.003	50c		
B4054.	.004	50c	30c	
B4055.	.005	50c		
B4056.	.006	50c		

Dubilier Grid Condensers

Accurate Mica fixed condenser with clip for grid leak mounting.

No. B4091. .00025 with clips.....
No. B4092. .0005 with clips **24c**

Micamold Condenser

Moulded of genuine bakelite under pressure of 50 tons. This expensive moulding process makes possible a fixed condenser that will not warp, short or vary in capacity.

No.	Cap.	List	Your Price
B4057	.0001	$0.35	17c
B4058	.00025	.35	18c
B4059	.0005	.35	18c
B4060	.001	.40	21c
B4061	.002	.40	21c
B4062	.0025	.50	24c
B4063	.005	.60	32c
B4064	.006	.70	38c

Micamold Grid Condensers

B4093	.00025	$0.45	20c
B4094	.0005	.45	20c

X. L. Condenser

Small variable neutralizing and balancing condenser. Micrometer adjustment allows accurate capacity setting.

No. B1346. Model N neutralizing.
List Price, $1.00.
NET **59c**

X. L. Grid Condenser

No. B1347. G1 .00002 to .001 mfd.
No. B1348. G5 .0001 to .005 mfd.
No. B1349. G10 .0003 to .0001 mfd.
List, $1.50 each.
NET **88c**

Sangamo Condenser

The nationally known moulded bakelite condenser unaffected by heat or moisture.

No.	Cap.	List	Your Price
B4079.	.00025	$0.40	26c
B4080.	.0005	.40	26c
B4081.	.001	.50	32c
B4082.	.002	.50	32c
B4083.	.005	.70	45c
B4084.	.006	.85	52c

Grid Mtg. clips. List, 10c pair.

YOUR PRICE **7c**

Sprague Midget Condensers

High voltage midget condensers. Tested to 1500 volts. The efficiency of these new midget condensers is almost unbelievable. Half the usual size and a quarter the weight. Suitable for continuous operation at 1000 volts D.C. Easy to wire with new type pre-soldered lugs.

No.	Cap.	List	NET	
B1351	.00025	35c	19c	
B1353	.001	40c	23c	
B1354	.002	40c	23c	
B1355	.0025	40c	23c	
B1356	.005	45c	27c	
B1357	.006	45c	27c	

TOBE FIXED BY PASS AND FILTER CONDENSERS

Accurate condensers for by-pass, eliminator, filter and power amplifier work. Tobe condensers are accurately rated at their proper working voltages. Ratings are conservative. Long life. Specified in all the new popular circuits.

TOBE

Tobe Filter and By-Pass Condenser

Working voltage up to 800 volts D.C. Accurate ratings. Perfectly and rigidly constructed, allowing little variation in rated capacity. Case of matt-finished aluminum; very compact and neat in appearance.

No.	Cap. Mfd.	Price	List NET
B1201.	.1	$0.70	$0.41
B1202.	.25	.75	.45
B1203.	.5	.90	.54
B1204.	1.	1.25	.75
B1205.	2.	1.75	1.05
B1206.	4.	3.75	2.05

Tinytobe Condensers

The smallest condensers made. So light that no other support than the bus wire to where they are attached is required. Case is ¾ in. wide, 1½ in. high, ⅝ in. thick in 0001 size. For constant operating voltage not over 500 v. D.C.

No.	Cap.	List	NET
B1219.	.0001	35c	21c
B1220.	.00025	35c	22c
B1221.	.0005	35c	23c
B1222.	.001	40c	24c
B1223.	.002	40c	25c
B1224.	.003	40c	26c
B1225.	.004	40c	26c
B1226.	.005	45c	27c
B1227.	.006	45c	28c
B1228.	.01	55c	33c
B1229.	.02	60c	36c

Tobe 600 Line

Operate continuously on 1,000 v. D.C.

Stand high voltages of American, Thordarkson and other power packs. Silvered containers. Terminals arranged to permit compact bank wiring. Two larger sizes are 5 in. high, 5¾ in. wide, 1½ and 3 in. deep.

No.	Cap. Mfd.	List Price	NET
B1213.	.5	$2.00	$1.18
B1214.	1.	2.50	1.50
B1215.	2.	3.50	2.10
B1216.	4.	6.00	3.60

Tobe 400 Line

Designed for continuous operation on 400 volts D.C. Suitable for "A," "B" and "C" Eliminators using Raytheon Q.R.S. 85 mil, or 2 16B tubes. Short path type. Very compact. Strong lugs for connections. Attractive silver finished case.

No.	Cap. Mfd.	List Price	NET
B1209.	1.	$2.00	$1.18
B1210.	2.	2.75	1.65
B1211.	4.	4.50	2.65

Tobe 765 "B" Block

For use with Raytheon or Q.R.S. 85 mil. and similar tubes where plate supply currents do not exceed 300 volts D.C. Contains one 8 mfd., two 2 mfd. and two 1.0 mfd. Easy connecting terminals at bottom of silvered metal case.

No. B1207. List, $13.00. NET, EACH.....$7.64

Tobe Buffer Condenser Unit

Contains two 0.1 high test condensers for eliminator transformer secondary. For use with above unit.

No. B1208. List, $2.00. NET, EACH.....$1.20

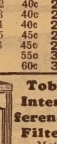
Tobe Interference Filter

Motors in the home such as are used on washing machines, oil burners, ice machines, sewing machines, etc., cause unpleasant interference with radio reception. This device makes possible the elimination of all such interference. Easily installed and a sure remedy. Simple installation instructions supplied. Here is a big sales possibility.

No. B1212. List, $15.00. NET.....$8.82

Tobe 210 and 171 Condenser Blocks

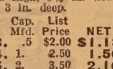
Designed especially for Thordarson 210 and 171 Amplifiers. Terminals exactly match terminals on Thordarson Power Compacts. Have proper combination of filter and by-pass condensers.



No. B1217. Tobe No. 210. Capacity, 2-2-2-0-1-4 mfd. **List, $18.00. NET.$10.58**

No. B1218. Tobe No. 171. Capacity, 8-2-2-0-1-4 mfd. **List, $15.00. NET..$8.82**

Veritas Resistors



Especially designed for "B" Eliminators, transmitting grid leaks and resistance audio amplification. Capable of radiating 4 to 5 watts continuously without change or deterioration. May be soldered directly into circuit or fits standard grid leak mounts.

No.	Resist. ohms	List	NET
B1230.	2,000	$1.10	65c
B1231.	5,000	1.10	65c
B1232.	7,500	1.10	65c
B1233.	10,000	1.10	65c
B1234.	50,000 (1/20 meg)	.90	54c
B1235.	100,000 (1/10 meg)	.80	48c
B1236.	250,000 (¼ meg)	.75	45c
B1237.	500,000 (½ meg)	.75	45c
B1238.	1 megohm	75.	45c

Dubilier Filter Condensers

Heavy duty filter condensers accurately rated.

TYPE 902

400 volts D.C. working voltage continuous duty. The popular eliminator condenser. In general use with Raytheon type eliminators.

No.	Cap. Mfd.	Price	NET
B1239.	1.	$2.50	$1.47
B1240.	2.	3.50	2.10
B1241.	4.	5.50	3.30
B1242.	6.	7.50	4.50

Rated 600 D.C. working voltage continuous duty. Recommended for use with power amplifiers and "B" supply where working voltages range from 400 to 600 volts direct current as with most 210 power packs.

TYPE 908

No.	Cap. Mfd.	Price	NET
B1243.	1.	$3.00	$1.77
B1244.	2.	5.50	3.25
B1245.	4.	9.50	5.65
B1246.	6.	11.50	6.78

DUBILIER BY PASS AND FILTER

The new Dubilier condensers with their special mounting feet. Occupy little space.

TYPE 907

D.C. working, voltage 160 volts. In general use as by-pass condensers and in impedance or resistance coupled amplifiers wherever low voltage is used.

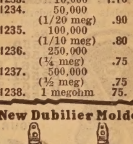
Capacity	List	NET
B1249. .1 mfd.	$0.80	$0.47
B1250. .25 mfd.	.90	.53
B1251. .5 mfd.	1.00	.60
B1252. 1. mfd.	1.50	.89
B1253. 2. mfd.	2.00	1.18

TYPE 906 FILTER CONDENSER

Same design as 907 described above. Rated at 400 volts D.C. working voltage. Tested filter condensers for use with "B" eliminators and power amplifiers where the voltage does not exceed 400 volts.

No.	Capacity	List	NET
B1254.	.1 mfd.	$1.00	$0.59
B1255.	.25 mfd.	1.10	.65
B1256.	.5 mfd.	1.25	.74
B1257.	1. mfd.	2.00	1.19

New Dubilier Molded



The new Dubilier molded condenser takes minimum panel space. Can be attached directly to metal sub-panel. Moisture proof. Accurate in capacity.

No.	Cap.	List	NET
B4065.	.00025	45c	26c
B4066.	.0005	45c	26c
B4067.	.001	50c	30c
B4068.	.002	50c	31c
B4069.	.0025	50c	32c
B4070.	.005	70c	46c
B4071.	.006	85c	57c

Dubilier Micadon 700

New Dubilier Micadon for 1928.

Completely enclosed in an aluminum case. Unaffected by moisture or temperature.

No.	Cap.	List	NET
B4085.	.00025	40c	24c
B4086.	.001	45c	27c
B4087.	.002	45c	27c
B4088.	.0025	45c	27c
B4089.	.005	65c	39c
B4090.	.006	80c	48c

Series B. Filter Condenser

High voltage filter condensers for power supply units and packs. Maximum D.C. voltage 800. Formerly marketed as "Sangamo."

Cap. Mfd.	NET
No. B1327. .1	$0.81
No. B1328. .25	.97
No. B1329. .5	1.28
No. B1330. 1.	1.62
No. B1331. 2.	2.25
No. B1332. 4.	3.55

Acme Parvolt Condensers Series A. By-Pass Filter

For direct current circuits maximum working voltage of 400 and A. C. maximum working voltage of 285. The same by-pass and filter condensers formerly marketed as "Sangamo."

Cap. Mfd.	NET
No. B1321. .1	$0.56
No. B1322. .25	.61
No. B1323. .5	.65
No. B1324. 1.	.81
No. B1325. 2.	1.45
No. B1326. 4.	2.55

Carter Midget

Small, compact, very efficient. Metal body. List Price, 50c.

B3501.	3-ohm
B3502.	6-ohm
B3503.	10-ohm
B3504.	20-ohm
B3505.	25-ohm
B3506.	30-ohm

YOUR PRICE **29c**

No. B3507. 400-ohm Potentiometer. List, 75c. NET.. **44c**

Carter Midget With Filament Switch

Consists of standard metal frame Midget rheostat with filament switch springs attached.

No.	
B3507.	2-ohm.
B3508.	3-ohm.
B3509.	6-ohm.
B3510.	10-ohm.
B3511.	15-ohm.
B3512.	20-ohm.
B3513.	25-ohm.
B3514.	30-ohm.
B3515.	50-ohm.
B3516.	75-ohm.

List, $1.00.

Your Price . . . 59c

No. B3517. Carter Midget Potentiometer with Filament Switch. 400-ohm. List, $1.25. NET **74c**

Carter Hi-Ohm With Filament Switch

Consists of standard Hi-Ohm with filament switch attached.

No.	
B3559.	10,000 ohms.
B3560.	50,000 ohms.
B3561.	100,000 ohms.
B3562.	200,000 ohms.
B3563.	300,000 ohms.
B3564.	500,000 ohms.

List, $2.50
YOUR PRICE
$1.47

Carter Hi-Pot with Filament Switch
Identical to the Carter Hi-Pot, has filament switch attached.

No.		List price, $2.75
B3565.	10,000 ohms.	YOUR PRICE
B3566.	50,000 ohms.	
B3567.	100,000 ohms.	**$1.62**
B3568.	200,000 ohms.	
B3569.	300,000 ohms.	
B3570.	500,000 ohms.	

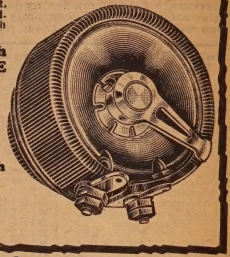
Our Metal Rheostat

Sturdy, accurate, heavy duty rheostat. Metal frame. Ruggedly constructed. Noiseless in operation. Complete, with knob.

No.		List, 75c each
B3571.	4-ohm.	YOUR PRICE
B3572.	6-ohm.	
B3573.	10-ohm.	
B3574.	20-ohm.	**39c**
B3575.	25-ohm.	
B3576.	30-ohm.	
B3577.	40-ohm.	

Metal Rheostat with Filament Switch

No.		List, $1.10 Each
B3578.	4-ohm.	YOUR PRICE
B3579.	6-ohm.	
B3580.	10-ohm.	
B3581.	20-ohm.	
B3582.	25-ohm.	**55c**
B3583.	30-ohm.	
B3584.	40-ohm.	



AMPERITE
REG. U.S. PAT. OFF.
The SELF-ADJUSTING Rheostat

Automatic filament control. Dispenses with rheostats entirely. Furnished for all tubes. The fastest seller on the market and specified in all circuits. Complete with mounting.

No.	
B3551.	For 1 199 tube, 4-volt
B3552.	For 1 199 tube, 6-volt
B3553.	For 1 120 tube, 4-volt
B3554 1-A.	For 1 201A or 200A tube
B3555-1 2.	For 1 112 or 171 or 2 201A
B3556-3A.	For 3 201A tubes
B3557-4A.	For 4 201A tubes
B3558-5A.	For 5 201 tubes

List Price $1.10
Your Price 64c

Carter Heavy Duty Midget

Of rugged construction, small, compact and thoroughly reliable. Will dissipate 6 watts and is exceptionally smooth operating.

No.		List, each 75c
B3585.	2 ohms.	YOUR PRICE
B3586.	3 ohms.	
B3587.	6 ohms.	
B3588.	10 ohms.	**44c**
B3589.	15 ohms.	
B3590.	20 ohms.	
B3591.	25 ohms.	
B3592.	30 ohms.	

Carter Imp Rheostat

Small, efficient rheostat. Smooth and noiseless in operation.
List Price, $1.00.

No.		Your Price
B3605.	6-ohm.	
B3606.	10-ohm.	
B3607.	20-ohm.	**59c**
B3608.	25-ohm.	
B3609.	30-ohm.	

No. B3610. 400-ohm Potentiometer. List, $1.25 NET **74c**

Carter Hi-Pot Volume Control

Volume control or modulator. Potentiometer similar to the Hi-Ohm, with third terminal.

No.		LIST PRICE
B3593.	10,000 ohms.	$2.25
B3594.	50,000 ohms.	YOUR PRICE
B3595.	100,000 ohms.	
B3596.	200,000 ohms.	**$1.32**
B3597.	300,000 ohms.	
B3598.	500,000 ohms.	

Carter Hi-Ohm Volume Control

All metal frame, self-cooling. A non-inductive high resistance volume control. Has carbonized resistance element which is wire-wound for protection.

No.		
B3599.	10,000 ohms.	List Price,
B3600.	50,000 ohms.	$2.00 each
B3601.	100,000 ohms.	YOUR PRICE
B3602.	200,000 ohms.	**$1.18**
B3603.	300,000 ohms.	
B3604.	500,000 ohms.	

Frost De Luxe Bakelite Rheostats

Genuine molded bakelite. Resistance wound on flexible bakelite strip. Smooth acting. Noiseless.

No.		List, $1.00 NET
B3655.	2-ohm.	
B3656.	3-ohm.	
B3657	6-ohm.	
B3658.	10-ohm.	**59c**
B3659.	15-ohm.	
B3660.	20-ohm.	
B3661.	25-ohm.	
B3662.	30-ohm.	
B3663.	50-ohm.	

FROST DELUXE BAKELITE RHEOSTAT WITH FILAMENT SWITCH.

No.		List, $1.35 NET
B3665.	6-ohm.	
B3666.	10-ohm.	
B3667.	20-ohm.	**80c**
B3668.	25-ohm.	
B3669.	30-ohm.	

FROST BAKELITE POTENTIOMETER
No. B3664. 400-ohm.
List, $1.25 Each. NET 74c

Frost De Luxe Metal Rheostats

New heavy duty rheostats wound on genuine flexible bakelite. Smooth in operation. Metal frame.

No.	
B3611.	2-ohm.
B3612.	3-ohm.
B3613.	6-ohm.
B3614.	10-ohm.
B3615.	15-ohm.
B3616.	20-ohm.
B3617.	25-ohm.
B3618.	30-ohm.
B3619.	50-ohm.

List, 75c NET

45c

FROST DELUXE POTENTIOMETER.
No. B3629. 400 - ohm.
List, $1.00. NET..... **59c**

Resistances, Kits, Grid Leaks

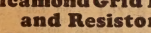
Bretwood Grid Leak

A variable grid leak of quality. Highly recommended. Vernier control. Smooth and noiseless. 0 to 10 megohms.

No. B3130. List, $1.50. YOUR PRICE..... **98c**

No. B3131. Bretwood De Luxe with Grid Condenser. List, $1.75. YOUR PRICE..... **$1.10**

Micamond Grid Leaks and Resistors



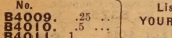
Bakelite grid leaks molded under 50 - ton pressure. Accurate and stay accurate. Not affected by moisture or temperature.

No. B4008. .1—List, 70c. NET 39c

No.	List, 45c
B4009.	.25 ....
B4010.	.5 ....
B4011.	1. ....
B4012.	2. ....
B4013.	3. ....
B4014.	5. ....
B4015.	10. ....

YOUR PRICE **21c**

Tubular Grid Leak



A glass enclosed, fully sealed grid leak. Accurate resistances. A quality product. Special price.

	List Price, 20c	
B4043.	1 megohm	YOUR PRICE
B4044.	2 megohms	
B4045.	3 megohms	**10c**
B4046.	5 megohms	

Lynch Metallized Resistors

Metallized resistance sealed within glass tube. A constant electric conductor. Unaffected by temperature or moisture. Noiseless. Approved by leading authorities.

No.	Meg.	List	NET
B4016.	5	.....50c	**30c**
B4017.	3	.....	
B4018.	2	.....	
B4019.	1	.....	
B4020.	.5	....	
B4021.	.25	....	**45c**
B4022.	.1	....	
B4023.	.05	.....75c	
B4024.	.025	....	
B4025.	.005	$1.00	**60c**
B4026.	.002		

Lynch Single Resistor Mounting

No. B4027. Genuine bakelite base, heavy phosphor bronze nickel plated contacts. List, 35c.
NET **23c**

Lynch Double Resistor Mounting

No. B4028. List, 50c.
NET **33c**

Lynch Grid Suppressors

Special resistance units designed for use in tuned radio frequency circuits to suppress oscillation and improve reception without broadening tuning.

No.	Ohms	No.	Ohms
B4029.	100	B4034.	 800
B4030.	200	B4035.	1000
B4031.	300	B4036.	1200
B4032.	500	B4037.	1500
B4033.	600	B4038.	1800

Complete with mounting. List Price, $1.50. YOUR PRICE.... **98c**

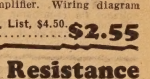
DeJur Planofier Unit

Resistance Coupled Kit

Consists of 3 resistance coupled molded bakelite base units with all necessary resistors and condensers. 3 stages tested and matched for their consecutive stages. Simple to construct. An efficient three stage resistance coupled amplifier. Wiring diagram included.

No. B3136. List, $4.50.
NET **$2.55**

Amsco Resistance Coupled Kits

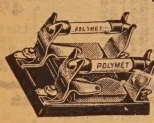


The Amsco kit contains all of the necessary essentials for a 2 or 3 stage resistance amplifier, including mountings, rheostat, condensers and resistors. Easily wired. Amsco special sockets included.

No. B3137. List $9.00.
YOUR PRICE..... **$5.29**

No. B3138. 2-Stage Kit. List, $6.50..... **3.81**

Polymet 3-Stage Resistance Kit



The kit includes all necessary mountings, condensers and resistors furnished in separate units. The full benefits are obtained with this kit. Hi-Mu tubes are recommended.

No. B3128. List Price, $4.00. YOUR PRICE..... **$2.25**

DeJur Wired Amplifier

A completely built resistance amplifier at a remarkably low price. Insures perfect tone quality. All of the advantages of the new cone speakers are obtained. This assembled moulded bakelite 3-stage amplifier includes all resistances and condensers.

No. B3129. List, $8.00.
YOUR PRICE..... **$4.35**

De Jur Mountings

Genuine moulded Bakelite base. Patented nickel phosphor bronze clips. Double mounting has space provided for condenser.

No. B3139. Single mounting. List Price, 25c..... **13c**

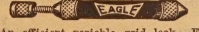
No. B3140. Double Mounting. List Price, 40c..... **21c**

Resistance Mountings

No. B4006. Single mounting. Price..... **12c**

No. B4007. Double mounting. Price..... **19c**

Eagle Plunger Leak



An efficient variable grid leak. Fits any standard grid leak mounting. 0 to 50 megohms.

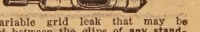
No. B4005. List, 75c.
YOUR PRICE..... **33c**

Poly Resistors

For resistance coupled amplification. Very accurate.

Stock No.	Megohm	List Price	YOUR PRICE
B4039.	.1	50c	27c
B4040.	.25	25c	14c
B4041.	.5	25c	14c
B4042.	1.	25c	14c

Mountford Plunger Leak



A variable grid leak that may be mounted between the clips of any standard grid condenser.

No. B4004. List, 50c.
YOUR PRICE..... **24c**

Bradleyleak

The nationally known variable grid leak. Smooth in operation. ¼ to 5 megohms.

No. B3134. Without condenser. List Price, $1.65.
NET PRICE **$1.20**

No. B3135. With .00025 condenser. List Price, $2.20.
NET **$1.44**

Aerovox Tapped Pyrohme Resistances

The Aerovox Tapped Pyrohm Resistances are made for all popular eliminator and power pack circuits. Consists of single resistor unit, tapped at the necessary resistance specified for the circuit.

No. B1302. TYPE 994-B. For Raytheon "B" or similar rectifying tube. 9,500 ohms—tapped 3,000-3,500-1,500-1,500. List, $1.65. NET..... **90c**

No. B1303. TYPE 974-171. For Thordarson type R171 Power compact or circuit, employing Raytheon BH 85 mil. tube. 13,000 ohms—tapped 2,000-3,000-3,000-3,000-2,000. List, $1.80. NET..... **65c**

No. B1304. TYPE 996-210. For Thordarson R210 power compact, 29,000 ohms—tapped 8,000-10,000-10,000-1,000. List, $2.80. NET..... **$1.52**

No. B1305. TYPE 996-AM. For Amertran eliminators and power amplifiers. 41,000 ohms—tapped 9,000-3,500-4,000-4,500-11,000-9,000. List, $3.60. NET..... **$1.62**

No. B1306. TYPE 996-BA. For Raytheon BA tube. Eliminates all variable resistances. 3,925 ohms—tapped 60-300-100-865-2,600. List, $2.30. NET **$1.25**

No. B1307. TYPE 992-BA. For A.B.C. Eliminator using Raytheon BA tube. "C" voltage for UX171 or UX112 power tube. 2,025 ohms—tapped 15,000 ohms. List, $1.05. NET..... **67c**

No. B1308. TYPE 996-QRS. For giving all the A.B.C. voltages for eliminator using QRS 400 mil. tube. Two No. 996 tubes with mounting bracket. 4,760 ohms—tapped 50-100-100-100-120-80-40, on one tube and 70-54-18-18-4,000 on the other. List, $5.00. NET.... **$2.70**

Mountford Kroblak Resistance

Sturdy, dependable wire wound resistance units of rugged construction. Rated accurately. Built to stand up under all "B" eliminator conditions and with power packs and amplifiers when the proper wattage is used.

Resistance			
10 Watts	ohms	20 Watts	
B3737	750	B3744	
B3738	1,000	B3746	
B3739	2,000	B3746	
B3740	3,000	B3747	
B3741	5,000	B3748	
B3742	10,000	B3749	
B3743	12,000	B3750	

10-watt. List each, $1.00. NET..... **59c**

20-watt. List each, $1.50. NET..... **89c**

B3751. 10-watt. List, $1.25. NET.... **74c**

25,000 ohms

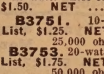
B3753. 20-watt. List, $1.75. NET **$1.00**

50,000 ohms

B3752. 10-watt. List, $1.50. NET.... **89c**

B3754. 20-watt. List, $2.00. NET **$1.18**

171 Tapped Resistance



No. B3757 A single tapped resistance unit for the Thordarson R 171 tapped at the proper resistance specified for this new power compact. Provides simple and efficient means of installing power resistors. Easy to mount. List, $2.15. NET...$1.27

Durham Grid Resistor Mounting

Made of molded insulation. Two holes for panel or baseboard mounting. Can be used for resistance coupling. Without condenser and without resistor.

No. B3767. Single Mounting. List, 50c. NET..... **30c**

No. B3768. Single with Condenser Mounting. List, 65c. NET.... **39c**

Hy-Watt Heavy Duty Resistors

For battery eliminator circuits. Capable of withstanding high current loads without change. Non-inductive. Silver plated contacts eliminate all arcing. 12 watt capacity.

No.	Ohms	List	
B3758	100	$1.50	NET 72c
B3759	500	1.25	
B3760	1,000	1.50	
B3761	2,000	1.50	
B3762	5,000	1.50	89c
B3763	10,000	1.50	
B3764	25,000	1.50	
B3765	50,000	1.50	

No. B3766. 100,000 ohms. List $2.00. Net **$1.10**

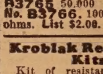
Kroblak Resistance Kits

Kit of resistance specified for the Thordarson 171 and 210 Power Compacts.

No. B3755. Type M 210 for R 210 Power Compact. List, $4.50. NET..... **$2.65**

No. B3756. Type M 171 for the R 171 Power Compact. List, $2.00. NET..... **$1.18**

Durham Metallized Resistors



A high resistance element scientifically perfected. Metallized glass core.

	Ohms	
B4178	500	List Each $1.00 NET
B4179	750	
B4180	1,000	65c
B4181	1,500	
B4182	2,000	List Each 75c NET
B4183	100,000	
B4184	150,000	
B4185	200,000	
B4186	.25 meg.	49c
B4187	.5 meg.	
B4188	1. meg.	List Each 50c NET
B4189	2. meg.	
B4190	2.5 meg.	
B4191	3. meg.	32c
B4192	5. meg.	

BRUNO UNITUNE

The basic unit is a double condenser consisting of two .0005-mfd. Bakelite shaft, straight line frequency condensers mounted on an aluminum plate, but entirely insulated. Adjustment by a pair of molded Bakelite drums. The two drums can be operated individually or can be locked loosely together by means of a slip bolts so that the two condensers are never more than ten degrees different setting. No vernier or compensating condensers of any sort are necessary. All models mount to the back of the panel by means of only two screws. An efficient localized control unit, which is beautiful in appearance.

No. B1316. Unitune 2 C. consists of 2 Bruno .0005 S.L.F. condensers mounted on aluminum frame with bronze panel plate and two drums with scale. Without coils..... **$6.40**

No. B1317. Has one Bruno 3-circuit tuner and one R.F. coupler..... **12.00**

No. B1318. Unitune B. D. consists of basic unit as shown, but the coils are specially wound for Browning-Drake circuit **12.40**

No. B1319. Frame, panel plate and drums only, without condensers or other essentials..... **2.10**

Pacent Balcon

No. B1312. A balancing condenser especially designed for tuned R.F. circuits or where capacity balance is desired. Two nickel-plated electrodes enclosed in glass tube with split brass tubing to adjust capacity. Radion base. List, 40c. NET..... **26c**

Electrad Phasatrol

A remarkable new development for balancing or neutralizing radio frequency amplifiers. Very simple to install, adaptable to all types of receivers and kits. A true balancing and neutralizing device. Popular with all the new circuits. Simple to adjust and eliminates R.F. oscillation or distortion. Simplifies tuning and increases efficiency.

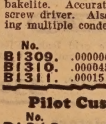
No. B1315. List Price, $2.75. NET PRICE..... **$1.75**

Pilot Micrograd

New neutralizing condenser. Low capacity—adjustable—suitable for neutralizing, adjustable by-pass, antenna series, grid or bridge balancing condenser. Genuine bakelite. Accurately adjustable by hand screw driver. Also for phasing or matching multiple condensers.

No.		Your List Price
B1309.	.000006 to .00005.	$0.75 45c
B1310.	.000045 to .0005..	.85 50c
B1311.	.00015 to .002....	1.00 54c

Pilot Cushion Socket



No. B1313. Fine, bakelite molded shock-proof UX socket. Prevents tube microphonics. One-piece phosphor bronze spring contacts. List, 50c. YOUR PRICE..... **29c**

AMPERITE ADAPTER

New item modernizes any old receiver. Dispenses with rheostat. Will automatically control the filament consumption of any receiver.

Five-tube sets, without power tube, require one 6A Amperite or one 3A and one 112 Amperite. **Six-tube sets** drawing 1½ amps. require two 3A amperites. **Six-tube sets** with power tubes drawing 1¾ amps. require one 4A and one 3A amperite. Proper combination of Amperites will accommodate any set up to ten tubes.

No. B1314. List, 70c, without Amperite. **YOUR PRICE..... 42c**

C.R.L. Radiohm and Modulators

Variable non inductive resistance for controlling oscillation in R. F. circuits. Full variation with single turn of knob. Positive contact. Noiseless.

No.		
B3694.	2,000 ohm	max.
B3695.	50,000 ohm	max.
B3696.	100,000 ohm	max.
B3697.	200,000 ohm	max.
B3698.	500,000 ohm	max.

List, $2.00. NET **$1.18**

No. B3699. C.R.L. 400 ohm Potentiometer. List, $2.00. NET **$1.18**

No. B3700. C.R.L. 2000 ohm Potentiometer. List, $2.00. NET **$1.18**

C.R.L. Radiohm with Filament Switch

No. B3701. 0-200,000 ohms.
No. B3702. 0-500,000 ohms.
List, $2.30.
NET **$1.35**

C. R. L. Modulator

Special 3-terminal variable resistance, volume control. Used in impedance transformer or resistance coupled amplifiers.

No.		
B3703.	250,000 ohm	max.
B3704.	500,000 ohm	max.

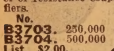
List, $2.00.
NET **$1.18**

C. R. L. Switch Type Modulator with "A" Battery Switch.

No.		
B3705.	250,000 ohm	max.
B3706.	500,000 ohm	max.

NET **$1.35**

Carter Wire Wound Resistance Units



In general use replacing rheostats or for reducing voltage where 199 and 201A tubes are used in combination controlled by one rheostat.

No.		List, 15c YOUR PRICE
B4246.	4-ohm.	9c
B4247.	6-ohm.	
B4248.	8-ohm.	
B4249.	10-ohm.	
B4250.	20-ohm.	
B4251.	25-ohm.	
B4252.	30-ohm.	
B4253.	50-ohm.	

Clarostat Universal

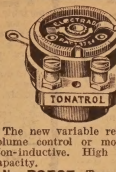
No. B3689. Carrying capacity, 20 watts. For standard "B" eliminators and used as oscillation and volume control. Range, 200-5,000,000 ohms. List, $2.25.

NET **$1.33**

Power Type

No. B3690. For heavy duty with voltage power packs and "A," "B" "C" power units using 350 or 400 mill. rectifiers. Carrying capacity, 40 watts. Range, 200 to 100,000 ohms. List, $3.50. NET **$2.06**

Electrad Tonatrol



The new variable resistance volume control or modulator. Non-inductive. High current capacity.

No. B3707. Tonatrol standard volume control. List, $1.50.
NET **89c**

No. B3708. Tonatrol type W. S. with filament switch. List, $2.00.
NET **$1.19**

Electrad Royalty Variable Resistance

Variable high resistance oscillation or volume control. Wire wound on genuine bakelite base. High current carrying capacity. Resistance remains constant at every point.

No. B3709. Type J 0-200,-000 ohms. List, $1.50.
NET **89c**

No. B3710. Type L 0-500,-000 ohms. List, $1.50.
NET **89c**

C. R. L. Modu-Plug

A volume control-phone plug combined. Can be substituted for any standard phone plug. Controls volume from whisper to maximum. **Standard type** for sets with jacks. **Cord type** for sets without jacks but with speaker binding posts. Has 24-in. cord. **The "easy chair"** has 20 ft. of cord for remote control.

No. B3711. Standard Modu-Plug.

No. B3712. Cord Type Standard Modu-Plug.
List, $2.50.
NET **$1.47**

No. B3713. Easy Chair Modu-Plug. List, $3.00. NET..... **$1.76**

Poly Claroplug

For improving loud speaker reception. Protects loud speakers. List, $1.50.

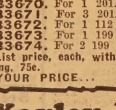
No. B3714. YOUR PRICE..... **89c**

Pilot Resistograd

A new non-inductive quiet variable resistor for use as voltage regulator with "B" eliminators, oscillation control, volume control or modulator, regenerative control or as variable grid leak. Hermetically sealed in molded bakelite case assuring perfect insulation. The range is from practically zero to 30 megohms.

No. B3675. List, $1.25. NET..... **68c**

Elkay Equalizer



Automatic filament control. Controls any type of tube from 6-volt battery source. All for use with 6-volt battery.

No.		List, $1.35 NET
B3670.	For 1 201A tube	80c
B3671.	For 3 201A tubes	
B3672.	For 1 112 tube	
B3673.	For 1 199 tube	
B3674.	For 2 199 tubes	

List price, each, with mounting, 75c.
YOUR PRICE... **45c**

Yaxley Rheostats

Air cooled bakelite rheostat, smooth, quiet action with an extremely close adjustment. Base is of bakelite. Has spring pigtail. Complete with bakelite knob.

No.		List, $1.35 NET
B3641.	2-ohm.	80c
B3642.	3-ohm.	
B3643.	6-ohm.	
B3644.	10-ohm.	
B3645.	15-ohm.	
B3646.	20-ohm.	
B3647.	25-ohm.	
B3648.	30-ohm.	

Yaxley Potentiometer

Air cooled potentiometer of the same construction as the Yaxley rheostat.

No. B3649. 400-ohm. List, $1.75.
NET **$1.03**

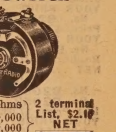
Frost DeLuxe Variable Resistances

New bakelite cased variable high resistance. Positive roller contact. Smooth, noiseless. Oscillation or volume control.

No.	Ohms	
B3715.	2,000	2 terminal List, $1.75 NET $1.03
B3716.	10,000	
B3717.	25,000	
B3718.	50,000	
B3719.	100,000	
B3720.	200,000	
B3721.	500,000	

No.	Ohms	3 terminal List, $1.75 NET $1.03
B3722.	200,000	
B3723.	500,000	

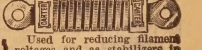
Frost DeLuxe Variable Resistance WITH SWITCH



No.	ohms	2 terminal List, $2.10 NET $1.25
B3724.	50,000	
B3725.	200,000	
B3726.	500,000	

No.	Ohms	3 terminal List, $2.10 NET $1.25
B3727.	200,000	
B3728.	500,000	

Carter Heavy Duty Resistors



Used for reducing filament voltages and as stabilizers in grid circuits.

No.		List, 25c YOUR PRICE 15c
B4228.	1-ohm	
B4229.	2-ohm	
B4230.	4-ohm	
B4231.	6-ohm	
B4232.	10-ohm	
B4233.	20-ohm	
B4234.	30-ohm	
B4235.	50-ohm	List, 30c YOUR PRICE 18c
B4236.	100-ohm	
B4237.	200-ohm	
B4238.	500-ohm	
B4239.	1000-ohm	
B4240.	10,000-ohm.	List, 50c.
B4241.	20,000-ohm.	List, 60c.

NET **32c**

Tobe Tipon Resistors

Permanent resistor in vacuum.

B4242.	.1 meg	
List, $1.00.	NET...	60c
B4243.	.25 meg	
List, 50c.	NET.....	30c
B4244.	.5 meg	
List, 50c.	NET.....	30c
B4245.	1. meg	
List, 50c.	NET.....	30c
B4272.	2. meg	
List, 50c.	NET.....	30c

Jewell Voltmeters Pattern 55

Same general construction as Pattern 53. Requires 2½ in. hole.

No. B2046. 0 to 8 volts, 3-point switch. For three circuits in one.

No. B2047. 0 to 7.5 volts to 150 volts. For filament control, panel mount. A and B circuit.

List. $10.00. YOUR PRICE $7.35

Jewell Combination Voltmeter Pattern No. 140

Similar to pattern No. 55, but only 2 in. in diameter. Over all size of flange, 2⅝ in. Double range readings, 0-7.5 150 volts.

No. B2048. List PRICE, $9.50. YOUR PRICE... $6.05

Jewell Meters Pattern No. 135

Special small size rear mounting panel voltmeter. Diameter only 2 in. Narrow flange, over all diameter only 2¼ in.

No. B2049. 0-8 volts. **List Price, $7.00. YOUR PRICE $4.46**

No. B2050. 0-100 volts. **List Price, $7.50. YOUR PRICE $4.78**

No. B2081. 0-7.5—150 volts. Double Reading. **List, $8.50. NET $5.40**

MILLIAMETERS

No. B2051. 0-25 Milliamps. **No. B2052.** 0-50 Milliamps. **List Price, $7.00. YOUR PRICE $4.46**

DOUBLE RANGE Voltmeter No. 135-B. Provided with double scale and push-button switch for high and low readings. 0-7.5 volts. 150 volts.

No. B2053. List Price, $9.00. YOUR PRICE..... $5.74

Jewell Pin Jack Meters Pattern No. 135-A

Voltmeter with pin jack for plugging into **Radiola, Brunswick, Victor and other sets.** Has zero adjuster. Adjustable pins allowed for variation in spacing of jacks. 0 to 5 volts.

No. B2054. List Price, $7.50. YOUR PRICE..... $4.78

Jewell Meter Pattern No. 57

A popular portable meter for checking batteries and for use as a service meter for testing radio set circuits. Provided with dual range scale with 0-8-200 volt reading. **A necessary instrument for laboratory work and general all around testing.** Not a high resistance meter and cannot reasonably be used for testing "B" eliminator outputs. **Accurate and reliable.** Furnished with two leads with phone tip terminals.

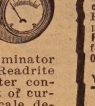
No. B2055. List. $12.50. **YOUR PRICE..... $7.96**

Jewell R. F. Galvanometer

A thermo coupled portable galvanometer having an internal radio frequency resistance of 2½ ohms and a full scale sensitively calibrated to exactly 100 milliamperes. The instrument should be used only for high frequency measurements and then only where a condenser is in series with it. It is not recommended for commercial or audio frequencies. Furnished with zero adjustment.

No. B2056. List. $16.50. **YOUR PRICE $10.50**

Readrite High Resistance Voltmeter



For "B" eliminator testing. An accurate high resistance meter for service and laboratory use. Ordinary meters cannot be used for testing "B" eliminator voltages. The new Readrite high resistance meter consumes small amount of current even at full scale deflection and will **accurately indicate "B" eliminator voltages up to 300 volts.** Anyone can use this voltmeter for adjusting "B" eliminators to the proper voltages. Supplied with 30 in. cords.

No. B2067. Range, 0-300 volts. List, $5.00. YOUR PRICE,.. $2.94

Flush Panel-Mounting Meters

Fine quality, high resistance, accurate meters. Mount flush on panel. Well finished with black enameled flange. Diameter, 2⅝ in. Overall diameter, 2¾ in. Exceptional value.

No. B2068. 0-8 volts. **List, $1.00. YOUR PRICE... 60c**

No. B2069. 0-50 volts. **List, $1.00. YOUR PRICE.... 60c**

No. B2070. 0 to 150 volts. **List, $1.50. YOUR PRICE.... 60c**

No. B2071. 0 to 8-100. **List, $1.75. YOUR PRICE $1.05**

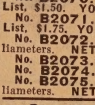
No. B2072. 0-10 Milliameters. **NET 1.10**

No. B2073. 0-50 Milliameters.

No. B2074. 0-100 Milliameters.

No. B2075. 0-400 Milliameters. **NET 60c**

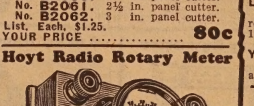
Jewell Panel Cutter



Special case hardened cutters for bakelite or wood panels. Quickly and easily cuts holes for mounting meters. Made in three sizes, 2 in., 2½ in. and 3 in.

No. B2060. 2 in. panel cutter.
No. B2061. 2½ in. panel cutter.
No. B2062. 3 in. panel cutter.
List, Each, $1.25. YOUR PRICE 80c

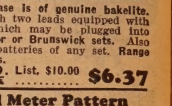
Hoyt Radio Rotary Meter



A precision voltammeter. It combines in one convenient unit five ranges, necessary for all testing on radio receiving sets, tubes, batteries, battery chargers and battery eliminators. The meter itself, mounted on a beautifully polished mahogany block, is turned by a knurled rim to five different positions, registering with each of the binding posts, through a series of segments within the base block. May be left continuously in circuit either as a voltmeter or milliameter. It is possible easily to read quantities as small as ¼ milliampere or ⅛ volt. **Dimensions over all are 4½x3⅝x2¾ inches.**

No. B2078. List Price $24.00. **NET... $15.48**

Jewell Meter Pattern No. 135-C



A beautiful portable meter for the home, resembling a miniature metal clock. The case is of genuine bakelite. Furnished with two leads equipped with phone tips which may be plugged into **Radiola, Victor or Brunswick sets.** Also for checking batteries of any set. Range 0-7.5-150 volts.

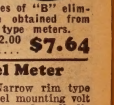
No. B2059. List, $10.00 **YOUR PRICE $6.37**

Jewell Meter Pattern No. 116

A popular laboratory type high resistance voltmeter for checking, testing and adjusting "B" eliminators. Special high resistance, 800 ohms per volt. Requires very little current to operate. **Shows true output voltages of "B" eliminators.** Double scale range, 0-50-250 volts. Extremely sensitive.

No. B2058. List. $25.00. **YOUR PRICE $19.35**

Jewell Meter Pattern No. 139



A popular priced efficient high resistance meter for checking and adjusting "B" eliminator voltages. A high grade, accurate, reliable instrument. Scale range 0-300 volts D.C. **Shows true output voltages of "B" eliminator which cannot be obtained from ordinary low resistance meters.**

No. B2057. List, $12.00 **YOUR PRICE $7.64**

Sterling Panel Meter

Narrow rim type panel mounting volt meters. Overall dimension only 2⅛ in. Diameter of body, 2 in. Silver etched dial.

No. B2063. 0-8 volts. **List, $3.00. YOUR PRICE $1.80**

No. B2064. 0-150 volts. **List, $3.00. YOUR PRICE $2.23**

Double range voltmeter with double reading and self-contained switch 0-7.5, 150 volts.

No. B2065. List. $5.00. **YOUR PRICE $2.96**

No. B2066. 0-50 milliamperes. **List, $3.50. NET $2.00**

Sterling D. C. Voltmeter

Checks the actual voltage for detector, intermediate, power stages and total output of any "B" eliminators. It helps the service man to get to the heart of any eliminator trouble and easily adjust to deliver the proper voltage. Neat metal case. Range 0-300 volts. **3 in. wide, 5 in. long.**

No. B2076. 0-300 volts. **List, $8.50. YOUR PRICE..... $5.10**

Sterling A. C. Voltmeter

For checking house lighting and other A.C. circuits. With the A.C. voltmeter it is a simple matter to check up on fluctuations in the house lighting current. Long cord and plug. Neat metal case. **Size 3 in. wide, 5 in. long.**

No. B2077. A. C. Voltmeter, 0-150 volts. **List, $7.50. YOUR PRICE $4.45**

Tools and Soldering Irons

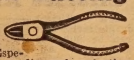
Automatic Blow Torch

No. B2501. Self-blowing alcohol torch. Simply fill with alcohol and light. It generates its own pressure. Blows long, hot, intensive flame. Handy for all soldering and is a necessity for all outside work.
YOUR PRICE .. **89c**

Long Nose Side Cutting Pliers

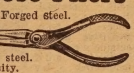
B2502 Double duty pliers. Long flat nose, reaches into inaccessible corners. Side cutting.
YOUR PRICE..... **42c**

Diagonal Cutting Pliers



No. B2503. Nippers for close cutting. Especially adaptable to radio work and other wire cutting. Fine tool steel.
YOUR PRICE **45c**

Long Nose Pliers

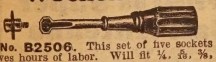


No. B2504. Forged steel. Slim nose. Will reach where space is limited. Tool steel. A radio necessity.
YOUR PRICE **42c**

Crow Bill Pliers

No. B2505. Forged steel. Semi - round nose. Perfect eyelets can be formed. Slim nose reaches into inaccessible places.
YOUR PRICE **32c**

Socket Wrench Set



No. B2506. This set of five sockets saves hours of labor. Will fit ¼, ⅜, ⅜, ⅞ and ½ inch.
YOUR PRICE **48c**

Counter Sink

No. B2507. To counter-sink holes for appearance and efficiency. Fits standard hand drill. YOUR PRICE **17c**

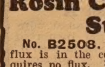
Screw Drivers

Fine tool steel. Designed with narrow blades for radio use.
No. B2516. 2-inch blade.
No. B2517. 3-inch blade.
No. B2518. 5-inch blade.
YOUR PRICE EACH..... **9c**

Rosin Core Solder Sticks

No. B2508. Rosin Core Solder. The flux is in the core of the solder. Requires no flux. ¼ lb.
YOUR PRICE **18c**

Rosin Core Solder

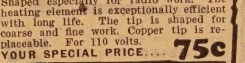


Kester rosin core solder. Universally known and used. Virgin tin and lead solder with rosin core. Not necessary to use solder paste, flux or acid. Noncorrosive.
No. B2509. Price, per ¼ lb. **17c**

Little Devil Soldering Iron

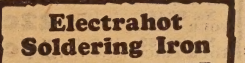
No. B2510. Our special soldering iron. A splendid electric soldering iron. Shaped especially for radio work. The heating element is exceptionally efficient with long life. The tip is shaped for coarse and fine work. Copper tip is replaceable. For 110 volts.
YOUR SPECIAL PRICE.... **75c**

Hand Drill



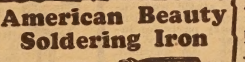
No. B2511. Fine quality drill for radio use. Takes all size bits up to ¼ inch.
YOUR PRICE **$1.35**

Electrahot Soldering Iron



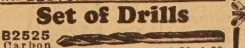
Guaranteed soldering iron. This iron is guaranteed for two years. Used on 100 to 120 volts. Iron replaced if it does not give two years' service. Equipped with two tips for coarse and fine work.
No. B2512, List, $2.00. Large Iron. YOUR PRICE **$1.28**
No. B2513, List, $3.00. Heavy Duty Iron. YOUR PRICE **1.88**

American Beauty Soldering Iron



No. B2514. Laboratory standard iron that has stood the test of time. Medium size tip for light and medium duty work. ⅝-inch. tip. 12¼-in. long. List. $8.00. YOUR PRICE includes tip..... **$5.33**
No. B2515. Extra Tip. NET..45c

Set of Drills



B2525 Carbon steel drills. Four drills. Sizes 4-36, 6-32, 8-32, 14-20. Are the only sizes that are necessary for radio set builders. Set of four.
YOUR PRICE **29c**

Stevens Adjustable Panel Cutter

No. B2519. A fine tool. Especially adapted to the cutting of large holes in bakelite or hard rubber panels. Adjustable from 1½ to 6 in. diameter. Cutter may be used by hand or in carpenter's brace.
List. $1.75.
YOUR PRICE **$1.14**

Radio Vise

No. B2520. A serviceable sturdy vise for practically all radio work. Cast iron construction with steel screws and steel clamp thread. Small and compact. Adaptable to mount anywhere. 1½ in. jaw. Length over all 5 in. YOUR PRICE **29c**

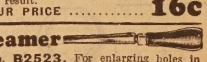
Heavy Duty Radio Vise

Slightly larger, heavier and sturdier than the vise as pictured and described. Solid wrought steel sliding bar. Square cut steel screw threaded. Heavy black enamel frame with bright orange fittings.
No. B2521. With 2 in. jaw. 6½ in. over all length.
PRICE **60c**
No. B2522. With 2½ in. jaw. 8 in. over all length.
PRICE **95c**

Solderall

No. B2524. Simply apply paste to any joint. Heat with a match or other weak flame and perfect soldered joint will result.
YOUR PRICE **16c**

Reamer



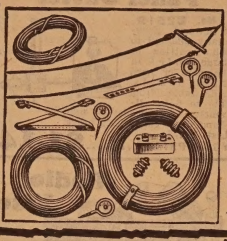
No. B2523. For enlarging holes in bakelite panel.
YOUR PRICE **17c**

Adjustable Hack Saw

Adjustable Hack Saw complete with blade. Heavy nickel frame, constructed to withstand hard use. Black enamel handle. Will expand to hold a 12-in. blade. For wood, bakelite and metal work.
No. B2526. NET..... **25c**

Complete Aerial Kits

Nothing Else to Buy



Convenient aerial packs. Necessary aerial equipment. All ready to install.

Aerial Packet A

Includes 100 feet stranded copper wire, 25 feet rubber insulated lead-in wire, one lead-in insulator, two porcelain strain insulators, two screw insulators, one lightning arrester and one ground clamp.

No. B2460. YOUR SPECIAL PRICE 83c

Aerial Packet B

Contains 100 feet stranded enameled wire, 40 feet rubber insulated lead-in wire, 25 feet insulated ground wire, ground clamp, 4 porcelain strain insulators, 2 screw insulators, lightning arrester and lead-in insulator.

No. B2461. YOUR SPECIAL PRICE. $1.35

Stranded Aerial Wire

Consists of seven strands of No. 24 hard drawn copper aerial wire. Finest quality.

No. B2453. 100-ft. coil. **YOUR PRICE 23c**

Stranded Enameled Aerial Wire

Recommended by all authorities. Each strand insulated from others. Does not corrode or deteriorate.

No. B2454. 100-ft. coil, 7 strand. **YOUR PRICE 33c**

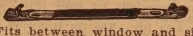
Aerial Pipe Mast Fittings

Pulley, collar and base or iron. Adjustable base. Fits any pitch roof. Easy to mount.

No. B2447. Set of 3 pieces for ¾-inch pipe. List, $1.00. **YOUR PRICE .. 55c**

No. B2448. Set of 3 pieces for 1-in. pipe. List, $2.75. **YOUR PRICE $1.50**

Flexible Window Lead-In Insulator



Fits between window and sill. Contacts on each end.

No. B2465. List, 25c. **YOUR PRICE 7c**

No. B2465A. Extra Long.. 12c

Rubber and Braided Lead-In Wire

No. 14 Ruler and weatherproof wire, braid covered. Best quality.

No. B2449. 25-foot rolls. **YOUR PRICE 27c**

No. B2450. 50-foot rolls. **YOUR PRICE 46c**

Rubber Covered Lead-In Wire

Rubber covered lead-in wire is not affected by moisture. Perfect insulation. No losses.

No. B2451. 25 feet. **YOUR PRICE 22c**

No. B2452. 50 feet. **YOUR PRICE 37c**

Effarsee Antenna

An efficient inside aerial that can be hung up anywhere. Appears as a window curtain. Wires inside. Contains hundreds of feet of wire and necessary condensers, self-contained. Selective. Reduces static. Sensitive as an outside aerial. Waterproof and unaffected by damp weather. An efficient inside aerial that is fast-selling

No. B2455. List $2.50. **YOUR PRICE $1.47**

Ground Clamp

A copper ground clamp. Positive and permanent contact. New code.

YOUR PRICE 4c

No. B2462. Per dozen..... 42c

Twisted Lamp Cord

Consists of flexible stranded size 18 copper wires with rubber sleeve insulation, over which is a neat colored cotton braid.

No. B2456. Double twisted wire, 25 feet..... **48c**

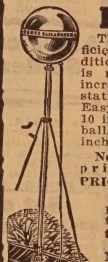
No. B2457. 50 feet..... 75c

Ball Antenna Kit

New type antenna. Non-directional; receives efficiently in all directions. Minimizes static and interference. **Kit contains all necessary parts for instant easy assembly.** A fast seller. An efficient, revolutionary aerial. Wonderful results.

No. B2463. List, $5.00. **YOUR PRICE. $2.94**

Reduced Prices on Super Ball Antenna



This great new invention is efficient with any set under all conditions. Receives all wave lengths, is non-directional, clarifies tone, increases selectivity, minimizes static, improves summer reception. Easy to install. Diameter of ball 10 inches. Condenser is built into ball. No rod included. Uses ½-inch iron pipe.

No. B2467. Retail price, $7.50. **NET PRICE WHOLESALE.. $4.41**

No. B2468. Base to hold pipe, used with antenna to roof. Retails 50c. **NET..... 34c**

No. B2468A. Super Ball Accessory Kit. **NET EACH $2.35**

Ekko Ground Clamp

A perfect ground clamp. Bites through paint and dirt into clean contact with metal pipe.

No. B2404. YOUR PRICE 15c

Bell Wire

Furnished in 50 ft. rolls per box. Cotton cover colored. No. 18 wire. Good quality and value.

No. B2458. 50 ft. each **YOUR PRICE 18c**

Victoreen Loop

Especially adapted to the Victoreen circuit. May be used with any loop or super receiver. Extremely directional—sharp tuning. Low resistance. Accurately built. Pleasing, attractive appearance.

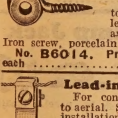
No. B4400.
List, $15.00.
YOUR PRICE
$8.82

F. R. C. Nymph Tapestry Antenna

A beautiful, efficient inside aerial, finely finished in four colors resembling a hanging tapestry. Lithographed in four colors it is beautiful and attractive in appearance. Contains hundreds of feet of wire and necessary condenser self-contained. Increases selectivity, reduces static and interfering noises. Water and damp weather proof. Replaces old fashioned aerial and unsightly wires. Popular—a fast seller.

No. B4402.
List. $9.50. NET. **$5.60**

Blackburn Adjustable Ground Clamp



Approved clamp for radio and telephone circuits. Heavy copper bang with adjusting screw and nut; feature that bites into the pipe used for ground, making a clean, positive contact.

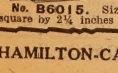
No. B6011. A1 for ⅜ to 1¼ in. pipe
No. B6012. A2 for 1½ to 3 in. pipe **15c**

RIBBON AERIAL

Superior reception obtained with stranded ribbon aerial. Wonderful energy collector. Great surface area and flexibility.

No. B6013. 100-foot Rolls. Price, each.. **83c**

Porcelain Screw Insulators



A handy insulator for keeping lead-in wire away from walls. Iron screw, porcelain eye.

No. B6014. Price, each **4c**

Lead-in Connector

For connecting lead-in to aerial. Simplifies aerial installation. Easy to connect lead-in to aerial without necessity of soldering. A big seller. Special offer.

No. B6019.
YOUR PRICE... **7c**

Midget Glazed Insulator

No. B6015. Size 1 inch square by 2¼ inches long.... **3c**

Thomas Box Type Loop

For all standard receivers. Center tapped for Super-Heterodyne. Mahogany finished frame. Wound with special stranded silk covered loop wire. Collapsible.

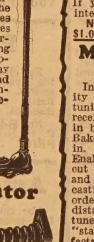
No. B4403.
List Price, $8.50.
Your Price **$4.25**

Hexagonal Loop

Carefully made. Adaptable to all radio circuits. Has center tap for Super-Heterodyne. Fully insulated with polished bakelite bearing strips.

No. B4404.
List Price $12.50
Your Price **$6.75**

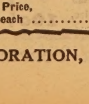
Cage Antenna



The new improved outdoor antenna efficient to the highest degree. Wound with 100 ft. of enamel covered wire, perfectly insulated and concentrated into a compact unit. May be mounted anywhere on a roof top—window ledge—against the wall—anywhere outside or in any position, upright or at any angle. Comes complete with mounting bracket. Can be installed in five minutes. One of the most saleable, profit making items ever offered to radio dealers. Complete. Nothing else to buy.

No. B6016.
List, $10.00.
NET **$5.80**

Paragon Ground Master



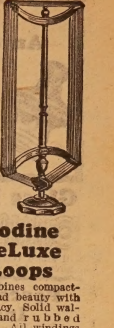
Used as a subantenna or radio ground. As an antenna buried in the ground it increases selectivity, reduces static and interference. Astounding long range reception reported. May be used as ground with outside antenna, improving results obtained.

No. B6017.
List, $5.50.
YOUR PRICE
$3.23

Stand Off Insulator

No. B6018. Used for efficient antenna installation. Porcelain; 4 inches long. Brown glazed.
Price, each **10c**

Fiat Bank Wound Loop



No. B4409. New bank wound loop. Solid walnut frame. Natural finish. Turns on 7 in. radius. Has center tap. 13½ in. wide, 30 in. high. Weight, 3 lbs.

List Price, $12.50
YOUR PRICE
$7.35

Bodine DeLuxe Loops

Combines compactness and beauty with efficiency. Solid walnut, hand rubbed frame. All windings and contacts are insulated with bakelite. Wound with silk covered wire. A special three-contact jack allows loop to rotate in any direction without tangling connecting wires. Center tapped.

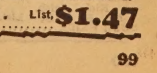
No. B4405. For use with sets using .0005 condensers.
No. B4406. For sets using .00035 condensers.
List, $12.00. NET..... **$7.05**

Qualitone Loops

Specified for the new Kits. Gracefully and durably constructed. Solid walnut frame, hand rubbed. All metal fittings heavily nickel plated. Finest grade insulating material. Center tapped. Wire always kept tight.

No. B4407. Qualitone. List. $10.00. NET **$5.88**
No. B4408. Qualiton De Luxe. List $12.50. NET **$7.35**

Steinite Eliminator



For eliminating interferences and sharpening the tuning of any radio receiver. Scientifically constructed, it greatly increases selectivity. May be used on any set with an aerial. Quickly and simply installed. If your set tunes broadly you need an interference eliminator.

No. B6020. List Price, $1.00. NET..... **65c**

Muter Interference Eliminator

Increases selectivity and sharpens tuning of any radio receiver. Encased in black molded Bakelite. Only 3½ in. in diameter. Enables you to tune out powerful local and nearby broadcasting stations in order to tune in the distant stations. Corrects any set if it tunes broadly. It will also reduce "static" caused by local electrical defects.

No. B6021. List. $2.50 ..... **$1.47**

Muter Antenna Plug

Replaces outside aerial. Screws into any light socket. Does not consume current. Selective improved reception. List, 60c.

No. B4114. YOUR PRICE **36c**

Glass Insulators

No. B6001. Glass is a most efficient insulator. The new glass insulators will stand terrific strain. Length, approximately 4 inches. Each.... **7c**

Porcelain Strain Insulators

Universally used insulator. Fine quality. Strong and durable; 3 in. long.

No. B6002. Price, each 4c
No. B6003. Per dozen 32c

Yaxley Jr. Jacks

Small jack extending only 1¼ in. behind panel. Takes any standard radio plug. Same as standard jack but used where space is small.

No.		List	Net
B4102.	Open Circuit	.40c	24c
B4103.	Circuit Closing	.55c	33c
B4104.	2 Circuit	.55c	33c
B4105.	Single Circuit Filament Control	.65c	39c
B4106.	Double Circuit	.65c	39c

Yaxley Jr. Jack Switch

Small compact Jack switch used where space is small. Mounts close to panel.

No.		List	Net
B4107.	Battery switch S.P. S.T.	$0.70	42c
B4108.	2 circuit S.P. D.T.	.85	51c
B4109.	Double circuit D.P. S.T.	.95	57c
B4110.	5 spring	1.10	66c
B4111.	2 way 2 circuit D.P. D.T.	1.20	72c

Carter Tip Jack

A small, reliable cord tip jack consisting of only two parts. Positive connection with standard phone cord tips or Carter Imp plug. Mounts on ¼ in. hole on ⅛ or ⅜ in. panel.

No. B4112. List Price, 10c. EACH **7c**

Carter Dial Lite

Illuminated dial in front of panel. Self-contained switch and low amperage bulb. Panel mounting, 6 or 4 volts.

No. B4113. List Price $1.75, with bulb. YOUR PRICE **1.03**

Carter Pilot Switch

Automatically indicates by red light when set is in use. Entirely self-contained. Single hole mounting. Nickel finish.

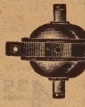
No. B1125. List, $1.50. YOUR PRICE..... **89c**

Approved Arrester

No. B6004. Lightning arrester of porcelain air-gap type. Good value. Fast seller. Our special.

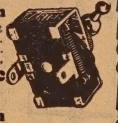
YOUR PRICE **12c**

Little Joe Lightning Arrester



No. B6005. Air-gap lightning arrester. Protects receiver and home. Porcelain insulated and approved. Exceptional value. YOUR PRICE..... **65c**

Carter Power Switch



For 110 volt circuit for use with A. C. sets, eliminators, etc.

No. B4197. List, 75c. NET **44c**

Automatic Power Switch

Replaces relays. Will control any kind of "A" or "B" supply.

No. B4101. List, $1.50. NET **88c**

Carter Imp Inductance Switch

A small compact inductance switch, nickel plated. Complete with pointer knob.

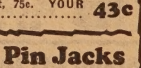
No. B4116. 4-Point. List Price, $1.00. YOUR PRICE.. **59c**
No. B4117. 7-Point. List Price, $1.15. YOUR PRICE... **69c**
No. B4118. 9-Point. List Price, $1.25. YOUR PRICE... **74c**

Frost Switch

A compact efficient battery switch. Exceptional low price for high quality apparatus.

No. B4119. List Price, 30c. YOUR PRICE **18c**

Panel Light



For illuminating panel and meters. Nickel finish, easily mounted.

No. B4120. With 6-v. 2-C. P. bulb. List, 75c. YOUR PRICE **43c**

Amsco Pin Jacks

For tips of phone and loud speaker cords. Phosphor bronze spring. Heavily nickeled.

No. B4124. List Price, 15c. Each..... **10c**

Dubilier Light Socket Aerial

Simply attach to the light socket and any receiver. Converts light line into an aerial. Efficient. Improves reception of any set. Reduces static.

No. B4100. List Price, $1.50. YOUR PRICE **89c**

Jewel Lightning Arrester

Nationally known. Approved by Fire Underwriters. Marked binding posts. Brown porcelain finish. Easily installed.

No. B6006. List, 75c. YOUR PRICE **44c**

Carter Wall Receptacle Jack

Wall plate jack with Carter open circuit short jack for loud speaker extension. Brushed brass escutcheon plate. Fits outlet box. For parallel connections. One or more may be connected in any home for loud speaker extensions.

No. B4122. List 80c. YOUR PRICE **47c**

With Volume Control

Provided with Carter Hi-Ohm volume control. Regulates the volume. Operate more than one speaker in different rooms at any volume desired. Brushed brass escutcheon plate.

No. B4123. List $2.75. YOUR PRICE ... **$1.60**

Walbert Panel Lite

Illuminates dial and panel. Furnished in nickel or gold. Complete with bulb.

No. B4126. Nickel.
No. B4127. Gold.
List Price, $1.00. YOUR PRICE **58c**

Carter Imp Jack

Cork tip jacks of larger and heavier construction than the Carter tip jacks. Mounts in ⅜ in. hole on ⅛ in. or ⅜ in. panel. Small and compact.

No. B4128. Carter Imp Jack **18c**
No. B4129. Plug **9c**

Four Phone Plug

Four phone plug, well moulded. Bakelite. Accommodates speaker.

No. B4130. List, $1.00. YOUR PRICE **56c**

De Jur Bakelite Plug

Our special plug offer. Polished genuine bakelite. Spring clips. No screws or clamping. The biggest plug value on the market. Thousands sold.

No. B2328. List Price, 25c.... Your Price $1.25
No. B2328T. List Price, per ten, $3.00. YOUR PRICE..... **13c**

E Z Plug

Genuine Bakelite. A special value. New and improved design. Phone tips are instantly connected to this plug. No set screws. Fast seller

No. B2329. List Price, 35c. YOUR PRICE..... **21c**

Bruno Pilot Light

A new design in Pilot Light Switch. Light shows whether set is turned on or off. Easily installed on panel of any receiver. Without bulb.

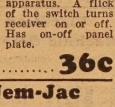
No. B2330. List Price, 75c. YOUR PRICE..... **46c**

Cutler-Hammer Toggle Switch

No. B2331. A popular nationally known switch made by manufacturers of high grade electrical apparatus. A flick of the switch turns receiver on or off. Has on-off panel plate.

List Price, 60c. YOUR PRICE..... **36c**

Frost Jem-Jac



Compact Jack Projects only 1 in. behind panel. Good contacts. Easily mounted. Used where space is limited.

No. B2332. Open circuit. List, 40c. NET.. **24c**
No. B2333. Double circuit. List, 50c. NET.. **30c**
No. B2334. Our special open circuit. NET.. **12c**
No. B2335. Our special double circuit. NET **15c**

Carter Short Jacks

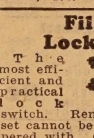
Small jack. Recommended for use where space behind the panel is limited. Perfect contact. Takes standard plug.

No. B2336. Open circuit. List, 25c. YOUR PRICE..... **15c**
No. B2337. Closed circuit. List, 30c. YOUR PRICE..... **18c**

Enclosed Filament Switch

No. B2338. Special value in a battery panel switch. One-hole mount. Enclosed contacts. Nickeled push-pull plunger. Nicely finished **22c**

Special Rotary Switch



One-hole mounting compact filament switch. Quarter turn makes or breaks contact. Bronze contacts. Perfectly insulated. A special offer in high grade Rotary switch. Equipped with On and Off name plate.

No. B2344 List Price, 40c. NET..... **19c**

Filament Lock Switch

The most efficient and practical lock switch. Remove plunger and set cannot be turned on or tampered with. One hole mounting.

No. B2345. List, 50c. YOUR SPECIAL PRICE **20c**

Frost Tip Jack

No. B2346. Frost Tip Jacks dispense with necessity for plug-in loud speaker or phone output. Will take phone tips. A special.

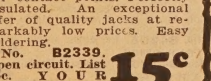
List, per pair, 30c. YOUR PRICE..... **18c**

B. M. S. Short Jack

No. B2347. Used where space is very limited. Fits standard plug. Single open circuit only.

List Price, 25c. YOUR PRICE..... **13c**

Special Jack Offer



Finely made jacks. Phosphor bronze springs with silver contact points. Perfectly insulated. An exceptional offer of quality jacks at remarkably low prices. Easy soldering.

No. B2339. Open circuit. List 35c. YOUR PRICE..... **15c**
No. B2340. Single circuit closed. List, 40c. YOUR PRICE..... **19c**
No. B2341. Double circuit. List, 45c. YOUR PRICE..... **20c**
No. B2342. Single Filament Control. List, 65c. YOUR PRICE.. **30c**
No. B2343. Double Filament Control. List, 70c. YOUR PRICE.. **32c**

Carter Hold-Tite Jacks

Easily mounted to any panel, regardless of thickness. Heavy phosphor bronze springs. Pure silver contacts. Tinned lugs.

No. B2348. Open circuit. List, 50c. YOUR PRICE..... **29c**
No. B2349. Closed circuit. List, 55c. YOUR PRICE..... **33c**
No. B2350. Double circuit. List, 80c. YOUR PRICE..... **47c**
No. B2351. Single Filament control. List, 70c. YOUR PRICE.... **42c**
No. B2352. Double Filament control. List, 90c. YOUR PRICE.. **53c**

Carter Jack Switches

Jack switches have many uses. Recommended for battery and charging control. One-hole panel mounting with knob and name plate.

No. 2—2 springs, used as battery switch.
No. B2353. List, 75c. YOUR PRICE..... **44c**
No. 3—3 springs, opens one and closes one contact for switching from long to short aerials or reversing circuit.
No. B2354. List, 90c. YOUR PRICE..... **53c**
No. 4—4 springs, closes two contacts. Used for cutting in second headset or speaker.
No. B2355. List, $1.00. YOUR PRICE... **59c**
No. 6—6 springs, opens two and closes two contacts. Used to switch battery charger or loud speaker on or off. Can also be used for cutting in power amplifier.
No. B2356. List, $1.25. YOUR PRICE.. **74c**

Carter Imp Switch

No. B2357. Filament switch. Quarter turn switches battery on or off. Complete with name plate

List Price, 65c. YOUR PRICE..... **39c**

Imp Aerial Switch

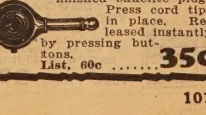
No. B2358. Switches from long to short aerial. List, 70c. YOUR PRICE.... **42c**

Carter Lock Switch

Filament switch equipped with key for locking radio set. Set cannot be used when key is removed. With three keys.

No. B2359. List, 75c. YOUR PRICE..... **45c**

Pacent Auto Plug



No. B2360. Finely finished bakelite plug. Press cord tips in place. Released instantly by pressing buttons.

List, 60c **35c**

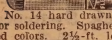
Flexibus

Flexible, colored hook-up wire. Popular with set builders. Simplifies construction, increases efficiency. Color coded. In rolls of 25 ft.

B2401. Black
B2402. Yellow
B2403. Red
B2404. Green
B2405. Brown

PER ROLL .. **45c**

Colored Spaghetti Bus Bar Covered Wire



No. 14 hard drawn copper wire tinned for soldering. Spaghetti covered. Assorted colors. 2½-ft. lengths.

No. B2406. Black	YOUR	
No. B2407. Yellow	PRICE,	
No. B2408. Red	PER	**6c**
No. B2409. Green	LENGTH	

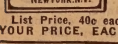
Rubber Covered Hook-Up Wire

Stranded, tinned copper wire covered with five rubber insulation to withstand any voltage ordinarily used in radio. Best for short leads and ease of wiring. **Five colors. 25-ft. coils.**

B2410. Red.
B2411. Green.
B2412. Blue.
B2413. Black.
B2414. White.

List Price, 40c each. YOUR PRICE, EACH..... **24c**

Wire Connectors



No. B4201. Simplifies connecting, eliminates soldering. Positive resistanceless contact. Per dozen. YOUR PRICE... **85c**

Magnet Wire

Double cotton and enameled magnet wire. High quality for winding low-loss coils. Sold in ¼-lb. spools. Double Cotton Covered.

No.	Price	Gauge	Enameled No.	Price
B2480	21c	14	B2490	$0.21
B2481	24c	16	B2491	.22
B2482	27c	18	B2492	.24
B2483	30c	20	B2493	.25
B2484	35c	22	B2493	.25
B2485	36c	24	B2494	.27
B2486	52c	26	B2495	.30
B2487	61c	28	B2496	.32
B2488	74c	30		
B2489	76c	32		

Loop Wire

Flexible Loop Wire, consists of 60 strands No. 38 wire with 5 strands No. 36. Tough and flexible. Will not stretch. Covered with cotton and additional outer covering of colored imitation silk. Spools of 125 feet. Just enough with a little to spare for any standard size loop.

No. B2425. List, $1.75. YOUR PRICE..... **85c**

ECHO TAPE INDOOR AERIAL

Ideal for inside aerial installation. Extremely flexible and neat appearing.

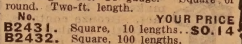
No. B2400. 50-ft. roll. List, 50c. YOUR PRICE **30c**

Miniature Switches

Small, reliable switches. Neat enough for panel or baseboard mounting. Nickel plated arm and contacts. Base and handle, hard rubber. Single-throw, 1½ in. long. Double-throw, 2½ in. long.

No. B2426. Single-Pole, Single-Throw **36c**
No. B2427. Single-Pole, Double-Throw **42c**
No. B2429. Double-Pole, Double-Throw **60c**

Bus Bar Wire



Hard drawn copper wire, tinned for soldering. No. 14 gauge. Square or round. Two-ft. length.

No.		YOUR PRICE
B2431.	Square, 10 lengths..	**$0.14**
B2432.	Square, 100 lengths, (200 feet).....	**1.14**
B2433.	Round, 10 lengths..	**.13**
B2434.	Round, 100 lengths, (200 feet).....	**1.05**

No. 12 Gauge

B2435.	Round, 10 lengths..	**$0.23**
B2436.	Round, 100 lengths..	**2.10**

Flexible Spaghetti

A high grade cambric tubing. Thoroughly impregnated with insulating varnish. Highest quality. Supplied in 30-in. lengths.

No. B2437. Black	YOUR	
No. B2438. Yellow	PRICE,	
No. B2439. Red	PER	**8c**
No. B2440. Green	30-IN. LENGTH	

Radio Set Wire

Soft drawn tinned copper wire, heavily insulated. Furnished in spools of 100 ft. Handy wire for the set builder. For use as hook-up wire, bell or enunciator wire, battery hook-up wire. **Cotton covered. No. 19 gauge.**

No. B2441. YOUR PRICE, PER 100 FT. **60c**

Switch Points and Stops

Nickeled brass switch points. Well designed and high quality.

No. B4202. Switch Points
No. B4203. Switch Stops
Special Price, YOUR PRICE, per dozen... **9c**

SwitchLever

No. B4204. Finely machined switch lever. Sloping arm. Nickel bronzed. Makes perfect contact. Easily mounted. YOUR PRICE **10c**

Fahnestock Connector

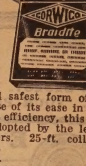
Single and double connectors. Nationally known and approved. Makes perfect contact.

No. B4205. Per dozen, single. YOUR PRICE..... **12c**
No. B4206. Per dozen, Double. YOUR PRICE..... **28c**

Angle Brackets

No. B4207. Metal brackets for mounting binding post strips, inductances, etc. No. 1508 is ¾ in. long. No. 1507 is 1x1 in. No. 1505 is ⅝x 1½ in. Specify style wanted. YOUR PRICE, for Ten.... **16c**

Braidite



Flexible stranded hook-up wire. Double covered. Moisture proof. Simply push back braid, solder, then replace braid, forming the neatest and safest form of connection. Because of its ease in working and its high efficiency, this product has been adopted by the leading set manufacturers. 25-ft. coils, attractively boxed.

B2442. Red.
B2443. Green.
B2444. Yellow.
B2445. Brown.
B2446. Black.
List, 35c. each. YOUR PRICE..... **23c**

Nickeled Brass Screws

Round Head Wood Screws

Sizes, 5 and 6. Per Gross

No. B4213.	Length, ⅜ in.	**43c**
No. B4214.	Length, ½ in.	**52c**
No. B4215.	Length, ¾ in.	**55c**

Oval Head Wood Screws

Sizes, 6 and 7. Proper size for radio work. Per Gross

No. B4211.	Length, ½ in..	**48c**
No. B4212.	Length, ¾ in.	**49c**

Round Head Machine Screws

Size, 6-32 thread. Threaded full length. Per Gross

No. B4208.	Length, ½ in.	
No. B4209.	Length, ¾ in.	
No. B4210.	Length, 1 in.	**42c**

Flat Head Machine Screws

For close counter-sinking. 6-32 thread. Per Gross YOUR PRICE

No. B4216.	Length, ½ in.	
No. B4217.	Length, ¾ in.	
No. B4218.	Length, 1 in.	**45c**

Oval Head Machine Screws

For counter-sinking. Oval head, neat appearing. 6-32 thread. Per Gross YOUR PRICE

No. B4219.	Length, ½ in.	
No. B4220.	Length, ¾ in.	
No. B4221.	Length, 1 in.	**48c**

Flat Washer

No. B4022. Nickel brass washer. High quality. YOUR PRICE, Per Gross.... **25c**

Copper Lugs and Connectors

No. B4023. Nickeled Phone Tip. Per Hundred..... **29c**
No. B4024. Tinned Solder Lugs. Per Dozen..... **20c**
No. B4025. Per Thousand Lugs..... **$1.45**

Hexagon Nuts

Nickel plated brass. Chamfered and countersunk for close assembly. Per 6-32 and 8-32 thread.

No. B4026. 6-32.
No. B4027. 8-32.
YOUR PRICE, Per Gross.... **47c**

Switches—Plugs—Crystals—Binding Posts

Morris Ground Clamp

New, rugged adjustable ground clamp. Bites into metal pipe right through rust or corrosion for perfect contact.

No. B4148. YOUR PRICE EACH ... **10c**

Mounted Crystals

Silicon, galena and carborundum combination. Complete surface is sensitive. Thoroughly tested.

B4133 YOUR PRICE **10c**

Unmounted Crystals

Genuine Galena crystal, unmounted. Six sensitive sides. For all crystal and reflex sets.

No. B4134. YOUR PRICE **4c**

Beacon Crystal

Glass enclosed crystal detector. Semi-fixed and adjustable by small knob. Mountable on panel or baseboard. An efficient, sensitive, tested crystal.

No. B4135. List price, $1.50. YOUR PRICE **80c**

Binding Post Strip

Strip for mounting Eby or our special binding posts. 7x1 in. long. Drilled for five posts.

No. B4136. YOUR PRICE **10c**

Vernier Knob

An easily mounted knob that makes any dial a vernier dial. Reduces the movement of dial for fine, accurate, tuning. Adjustable to any set.

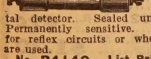
No. B4137. YOUR SPECIAL PRICE **9c**

Dial Marker

All bakelite dials need an indicator. Dial marker makes accurate tuning and close adjustment possible. Simply drill hole above dial and mount the marker. Polished nickel-plated.

No. B4139. Set of 3.... **13c**
No. B4138. Per dozen 39c

Carborundum Detector



Specially selected sensitive carborundum crystal detector. Sealed under pressure. Permanently sensitive. Recommended for reflex circuits or wherever crystals are used.

No. B4140. List Price, $1.50. YOUR PRICE..... **96c**

Porcelain Knife Switch

Heavy copper blade and contacts, insulated handle. Porcelain base. Screw terminals. Superior for antenna grounding or battery charging switch.

No. B6007. Single-Pole, Single-Throw. Each **13c**
No. B6008. Single-Pole, Double-Throw. Each **21c**
No. B6009. Double-Pole, Single-Throw. Each..... **23c**
No. B6010. Double-Pole, Double-Throw. Each **30c**

XL Push Posts

Sure contact binding posts. Push top, insert wire or phone tip; cannot jar loose. Easy to connect or disconnect. Furnished with lugs and following markings: Ant., Gnd., Phones, Speaker, A—, A+, B—, B+, B2¾+, B45+, C—, C+, Loop.

No. B4142. List Price, 15c. YOUR PRICE.. **9c**

XL Binding Post Strips

Polished strip with seven XL push posts. Excellent, efficient and convenient posts. Push down head of post, insert wire or phone tip; cannot jar loose. No screwing. Post standard marked.

No. B4143. List Price, $1.50. YOUR PRICE **92c**

Eby Binding Post Strip

Seven Eby binding posts having markings Ant., Gnd., A+, A—, B— Det.+, B Amp. mounted on binding post strip with brackets and woodscrews.

No. B4144. List Price, $1.25. YOUR PRICE..... **74c**

Radio Insulating Cement

Used to hold wire coils when wound on form. Holds windings in place. Also used for self-supported coils. Dries quickly and forms a stiff, hard film. Splendid insulator and free from capacity effect.

No. B4145. YOUR PRICE **18c**

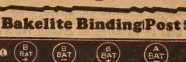
New Pandora Crystal Set

Nationally known. Is efficient, compact and distinctive appearing. Simple adjustment. Covers entire broadcast band. 20 to 30-mile range, longer with super-power stations. Perfect tone quality.

No. B4146. List price, $1.75. YOUR PRICE.... **98c**

No. B4147. Crystal set, complete with aerial and ground equipment, quality head phones. YOUR SPECIAL PRICE.. **$3.80**

Bakelite Binding Post Strip



Marked binding posts mounted on bakelite strip. Soldering lugs connected to binding posts. Terminals readily accessible. Equipped with holes for mounting.

No. B4131. 5-post Strip; A+ A—, B+, B—, B+ Det... **24c**
No. B4132. 7-Post Strip; Ant., Grd., A+, A—, B+, B—, B+ Det. **29c**

Screw Assortment

A box assortment of essential radio hardware. Consists of wood screws, machine screws, nuts, washers and lugs in the various sizes needed for assembling a receiver.

No. B4149. List, 50c. PRICE **29c**

Carborundum Stabilizing Unit

Revolutionizes crystal detectors. As easy to control as a vacuum tube with a rheostat. Operates with flashlight cell at peak of efficiency. Full control of oscillation. Replace old crystal with carborundum stabilizing unit and realize full efficiency from any circuit. Requires small flashlight cell.

No. B4141 List price, $3.50. YOUR PRICE, without cell.... **$2.20**

Eby Ensign Binding Posts

Patented. Non-removable tops. Engraved top. Complete, with nut and lugs.

B4151. Ant.
B4153. Short Ant.
B4154. Gnd.
B4155. Loop
B4156. Speaker +
B4157. Speaker —
B4158. A. Bat. +
B4159. A Bat. —
B4160. B Bat. +
B4161. B Bat. —
B4162. C Bat. +
B4163. C Bat. —
B4165. 45 volts +
B4166. 67 volts +
B4167. 90 volts +
B4168. 135 volts +
B4169. 150 volts +
B4170. B + Power
B4171. B Det. +
B4173. C — Power
B4174. +
B4175. —
B4176. Plain

YOUR PRICE **9c**

List Price, Each 15c

Lettered Binding Posts

Our special engraved binding posts. Highly polished. Fit all panels and sub-panels. Simplify connections. Set of seven. A+, A—, B+, B+ Det., B—, aerial and ground.

No. B4177. Per Set. PRICE..... List. 50c **21c**

Genuine Bakelite Panels

Genuine bakelite in glossy black, mahogany or walnut. Finest panel. Our enormous stock and buying capacity enables us to offer the very best in paneling at greatly reduced prices.

⅛-inch Thick		Panel Size Inches	¼-inch Thick	
No.	Each		No.	Each
B4607	$0.58	7x5	B4613	$0.58
B4608	.77	7x9	B4614	.92
B4609	.85	7x12	B4615	1.25
B4610	1.25	7x14	B4616	1.35
B4611	1.36	7x18	B4617	1.75
B4612	1.49	7x21	B4618	2.10
		7x24	B4619	2.40
Supplied in ¼-inch only		7x26	B4620	2.55
		7x28	B4621	2.70
		7x30	B4622	3.05

Bakelite for sub-panels will be furnished at square inch rate. Any size.

PANELS CUT TO YOUR SIZE

¼ inch Thick Per Square Inch..... 1¾c

Goodrich Silvertown Panels

The finest quality hard rubber panels. Nationally known. Nationally advertised. Perfect sizes. Non-warping. Each enclosed in genuine Goodrich Silvertown envelope. ¼ in. thick.

	Panel Size		Walnut or	
No.	Black Inches	No.	Mahogany	
B4623	$0.58	7x12	B4630	$0.72
B4624	.75	7x14	B4631	.88
B4625	.93	7x18	B4632	1.14
B4626	1.09	7x21	B4633	1.32
B4627	1.25	7x24	B4634	1.47
B4628	1.37	7x26	B4635	1.68
B4629	1.47	7x30	B4636	1.85

Vee Dee Metal Panels

Beautifully decorated metal panels, fully shielding radio sets. Strikingly finished in attractive, natural wood grains. Furnished in standard sizes; also drilled and pierced panels for the popular kits. Metal panels easy to drill. This is the latest in panel beauty and design.

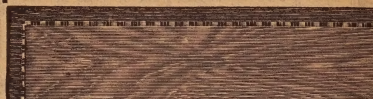
	Size	List	NET
No. B4637.	7x18	$1.80	$0.98
No. B4638.	7x21	2.10	1.17
No. B4639.	7x24	2.40	1.32
No. B4640.	7x26	2.60	1.48
No. B4641.	7x28	2.80	1.55
No. B4642.	7x30	3.00	1.66

DRILLED PANELS FOR POPULAR KITS

		List	NET
No. B4643.	Bremer-Tully	$3.05	$1.75
No. B4644.	Browning-Drake	3.05	1.75
No. B4645.	S. C. II	3.70	2.15

Lignole Panels

Two Tone Beautifully Inlaid Panels



Lignole radio panels are made of laminated ply wood. The panel has a genuine rotary cut walnut base and back and is inlaid with a beautiful marqueterie of satin wood and white holly about ¼ inch wide. The outside portions are of a darker shade than the body of the panel, resulting in a beautiful striking two-tone effect. Easily drilled with a wood or metal twist.

	Size	List	Net
No. B4601.	7x21	$6.94	$4.20
No. B4602.	7x18	6.52	
No. B4603.	7x24	7.36	4.50
No. B4604.	7x26	7.64	
No. B4605.	7x28	7.92	4.90
No. B4606.	7x30	8.20	

Bakelite Tubing

Genuine bakelite. For coil winding. Furnished in 3-in. lengths. All ⅛-in. wall. Inside diameter given.

	Diameter		Each
No. B2539.	2	in	4c
No. B2540.	2½	in	6c
No. B2541.	3	in	9c
No. B2542.	3½	in	22c

Threaded Bakelite Tubing

No. B2535. Genuine bakelite tubing threaded for space winding. Tube is 2½ in. long, 1½ in. outside diameter, ⅛-in. wall. Threaded with 104 threads, 64 threads per inch. Best suited for No. 30 enamel wire. Extremely simple to wind space-wound, low-loss coils. In popular demand. Full length winding accurately covers the broadcast band with .00035 variable condenser.

YOUR PRICE, EACH..... 21c

Flexible Battery Cable

Flexible color coded battery cable furnished in spools of 100 ft. continuous length. For remote storage batteries or eliminators. Each wire is stranded, rubber covered and insulated with a cotton colored braid, all enclosed in a mercerized cotton cable braid.

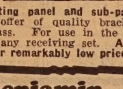
No. B4517. 25 ft. coil 5-wire cable. NET..... $1.20

No. B4518. 25-ft. coil 6-wire cable. NET..... 1.50

No. B4519. 25-ft. coil 7-wire cable. NET..... 1.80

Panel Brackets

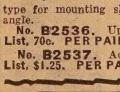
No. B2534. YOUR PRICE, PER PAIR ....



28c

For mounting panel and sub-panel. Exceptional offer of quality brackets. Nickeled brass. For use in the construction of any receiving set. A big special at our remarkably low price.

Benjamin Brackets



Panel and sub-panel mounting brackets. Brass. Simplifies mounting of panel and sub-panel. Adjustable type for mounting sloping panel at any angle.

No. B2536. Upright. List, 70c. PER PAIR..... 42c

No. B2537. Adjustable. List, $1.25. PER PAIR..... 74c

Panel Mount Brackets

No. B2538. Cast aluminum brackets for mounting panel and sub-panel. Substantial and durable. Simplifies construction.

List Price, $1.50. YOUR PRICE..... 89c

Baseboards

All standard sizes of wood baseboards. Well seasoned and dried. No capacity effect or leakage. Well stained. ⅞ to ⅞ inch thick.

No. B4646.	6½x5½	in	9c
No. B4647.	6½x 8	in	13c
No. B4648.	6½x11	in	16c
No. B4649.	6½x13	in	20c
No. B4650.	6½x17	in	23c
No. B4651.	6½x20	in	26c
No. B4652.	6½x23	in	29c
No. B4653.	9 x17	in	35c
No. B4654.	9 x20	in	39c
No. B4655.	9 x23	in	45c
No. B4656.	9 x29	in	55c

Extension Plug

No. B2394. Bakelite connector for speaker and extension cord. Will couple speaker and extension cord so that loud speaker may be moved to any distance from the set. Each... 18c

Extension Cord and Plug

Complete extension set. Plug will couple extension cord with loud speaker. Loud speaker should be kept away from receiver for best results. High quality cord with Bakelite connector plug.

No. B2391. 10 ft., with plug..... 44c

No. B2392. 20 ft., with plug..... 52c

No. B2393. 50 ft., with plug..... $1.20

Consoles At Big Reductions

Genuine Walnut Spanish Period Console

THE most exquisite Spanish period design in a console made of genuine dark shaded walnut trimmed with bird's eye maple. Compartments for batteries, etc. Opens to be used as a desk. This is full size. 35 in. wide, 19 in. deep and 46 in. high. Will accommodate panels size 7x18, 7x21, 7x24 and 7x30. Special panel inserts are furnished. When ordering, specify size of panel desired.

No. B9117. List price, console only, $100.00.

Your Price

$53.90

No. B9116. Console cabinet complete with $17.50 list Amplion unit.

Your Price

$59.50

The Desk Burl Walnut Ortho Type

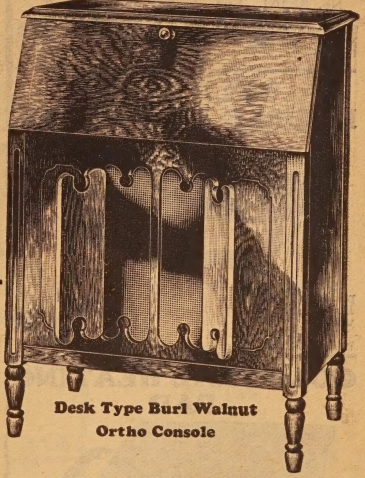
40 in. high, 30 in. wide and 17 in. deep. Beautifully constructed. When closed has a sloping burl walnut front—burl walnut top and two openings at base for speaker in which can be put either a cone or horn type speaker. Made of genuine walnut of beautiful design, beautiful grill and large room for batteries. Large space in rear for eliminators and accessories. It is one of the finest values you can possibly obtain for twice the retail list price.

No. B9113. Retail list price, $65.00. YOUR NET PRICE WITHOUT SPEAKER **$27.50**

With Platter Speaker

No. B9114. This genuine burl walnut console with 60-inch curved horn, Orthophonic type built-in, without unit. Size 7x18 in. or 8x18 in. panel. List price, $85.00. YOUR NET WHOLESALE PRICE.... **$32.00**

No. B9115. $17.00 Amplion Unit, extra, $5.60.



Desk Type Burl Walnut Ortho Console

The Wellington

BEAUTIFULLY finished, distinguished. Wonderfully proportioned, 24 in. wide, 14 in. deep, 42 in. high. Two-tone soft mahogany. Spacious compartments for batteries, etc. For size 7x18 or 8x18 panel only. Gold silk grill. Sold with built-in speaker.

No. B9129. List price, $45.00. YOUR PRICE WITHOUT UNIT **$23.75**

No. B9130. With Victor or Quality adjustable Unit. YOUR PR.. **$25.95**

FAST SELLERS

FULLY GUARANTEED

GOLD SEAL Bowl Heater

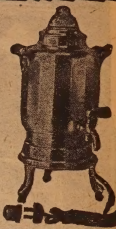
Oversize 14-inch solid copper highly polished reflector. Nichrome element. A real handsome heater and one of the fastest sellers. **Well constructed.** Shipped complete with cord and plug.

No. B8546. List, $5.00. YOUR PRICE.. $3.33

No. B8547. Heater elements for all standard heaters. Cone shaped, porcelain core. **List, $0.60. YOUR PRICE.....** 43c

GOLD SEAL PERCOLATOR

10 Cup



A well designed Colonial style percolator equipped with mechanical pump to force percolation within two minutes. Very economical. **Wonderfully finished. Beautiful design. Non-heating handle and faucet.** Comes complete with cord and plug.

No. B8203. Retail Price, $7.00. YOUR PRICE..... $4.67

Gold Seal Hot Plate

Well built hot plate. One-piece construction. Rust proof. Porcelain grid with Nichrome wire, including cord and plug.

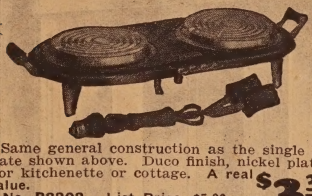
No. B8201. List Price, $2.30. YOUR PRICE $1.53

Two Piece Electric Percolator

Colonial style panelled polished aluminum percolator, **13 inches high.** Operates on 105 to 120 volts D.C. or A.C. **Guaranteed for one year. Holds 8 cups.** Complete with cord and plug as shown. Quick percolation. **A leader in its field.**

No. B8205. List Price $3.75. YOUR WHOLESALE PRICE, COMPLETE .. $2.20

GOLD SEAL DOUBLE HOT PLATE



Same general construction as the single hot plate shown above. Duco finish, nickel plated. For kitchenette or cottage. A real value.

No. B8202. List Price, $5.00. NET PRICE..... $3.33

Electric Hot Plate

Shielded from the table beneath. Special high grade heating element. **Guaranteed for one year. Extra heavy steel holding 150 pounds weight.** Removable legs. **Size, 4¼x7¾ in.** Operating on 105 to 120 volts A.C. or D.C. A real quick heating hot plate. **A stove with a hundred uses.**

No. B8206. Retail list, nickel finish, $1.75. YOUR PRICE.. $1.05

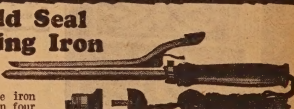
GOLD SEAL HEATING PAD

An excellent quality, heavy eiderdown pad with silk cord and washable slip cover. Furnished in four colors. Is uniform. Triple heat. Complete with switch and cord.

No. B8211. Blue.
No. B8212. Rose.
No. B8213. Tan.
No. B8214. Gray.

Retail $5.50 Your Price $3.66

Gold Seal Curling Iron

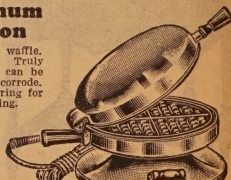


Handsome iron furnished in four colors. **Silk cord.** Comes complete with long cord and plug.

No. B8207. Blue.
No. B8208. Pink.
No. B8209. Ivory.
No. B8210. Black.

Retail $1.00. YOUR PRICE. 67c

All Aluminum Waffle Iron



Makes full sized waffle. Nichrome elements. Truly the finest iron which can be bought. Will not corrode. Has full edged batter ring for overlay to avoid smearing.

No. B8222A
List $12.50
Your Price $7.35

Electrical Supply Specials

Fully Guaranteed Holiday Sellers

Sunbeam

The Guaranteed Electric Iron

The nationally known and advertised guaranteed iron. Double nickeled and polished. Will not be harmed by continuous operation. One of the fastest sellers on the market. Sold with or without blue enameled steel case. This is the finest iron on the market.

No. B8232—List Price $7.50

Your Price, $4.95

No. B8233—List Price including case $8.50

Your Price, $5.67

Permway Iron

The nationally known Permway Iron equipped with heel rest, including stand, cord and plug. Genuine nichrome element. Highly polished, nickel plated, evenly distributed heat. Weight 6 pounds. List, $3.50.

No. B8219. YOUR PRICE .. **$2.10**

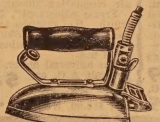
Hotpoint Toast-Over Toaster

Will toast two large slices of bread. Bread flops by turn of knob. Made of highly nickeled steel, polished. Complete with cord, switch and two-piece plug.

No. B8217, 110 Volt. List, $6.00. EACH **$4.20**

No. B8218, 32 Volt. List, $6.50. EACH **$4.55**

Hotpoint Super Iron



Nationally advertised, fully guaranteed six-pound iron. For 105 to 120 volt current. Has back rest, no stand needed when not in use. Completely nickel plated with ebonized wood handle, including thumb rest. Price includes 6 ft. cord and plug.

No. B8220. Retail, $6.00. YOUR PRICE **$4.15**

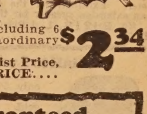
No. B8221, Model R, 6 lb. Retail, $5.00. YOUR PRICE **$3.60**

Gold Seal Waffle Iron

Makes full sized waffles. Nichrome element. 7½ in. diameter waffles. The finest iron you could buy. Metal parts made of brass nickel plated. Well packed. Drip pan prevents batter from dropping to table cover. A wonderful value.

No. B8222. List Price, $7.50. YOUR PRICE .. **$4.90**

Gold Seal Reversible Toaster



A toaster of special construction toasting the bread evenly without bulging, scorching, or burnt centers. Nickel plated, including 6 ft. cord—an extraordinary buy.

No. B8223. List Price, $3.50. YOUR PRICE.... **$2.34**

Rogers Waffle Iron

A full size 7 in. griddle. Solid cast hinge. Chromel "A" element. Two minute bake. Fully guaranteed. Absolutely no switching necessary. 110 to 120 volts current.

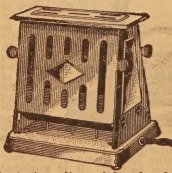
No. B8224. Retail Price, $6.50. YOUR PRICE **$4.28**

Hotpoint Plymouth Percolator and Sets

A very attractive percolator fashioned after Puritan period lines. Has fuse-type calrod nickel plated body and hinged lid. Six-cup capacity.

No.		List	EACH
B8225.	Percolator, six-cup...	$9.00	$5.82
B8226.	Complete set.....	14.25	9.23
B8227.	Creamer & Sugar....	4.00	2.59
B8228.	Tray, 12 in. round....	1.75	1.13

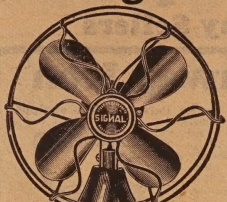
Guaranteed Toaster

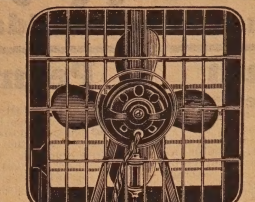


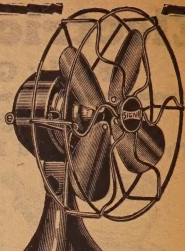
Toasts two slices of bread. Operates on 105 to 120 volts. Nichrome ribbon wired. Very high quality. One-year guarantee. Insulated handles. Highly finished nickel plate. A wonderful buy.

No. B8229. Retail List, $1.75. YOUR WHOLESALE PRICE .. **$1.05**

Signal Electric Fans







Signal Electric Fans

A silent, sturdily built fan that will give a life time of service. A fan for any home or office or any place where a cool breeze is required. Equipped with a real motor with lots of pep and constructed for long life.

Sturdily constructed with over sized 8" brass lacquered blades. A special feature is the universal motor which operates either on direct or alternating current simply by adjusting under base plate.

No. B7500. 110 v. 25-60 cycle A.C. or D.C. List $5.50. NET..... **$3.79**

No. B7501. 32 v. D. C. only. List $6.50. NET..... **$4.45**

Household Ventilator

There are millions of homes that need better ventilation. The Signal ventilator is a ready seller because it is light, easily moved and low priced. It changes the air in an averaged sized room every five minutes and keeps objectionable cooking odors out of the house.

The perfect ventilator. Removes stale, hot and bad air and keeps cool air circulating throughout the home.

Frame adjusts 24" 59" in width. Has shutters to close up opening when desired. Shutter is operated by pulling a cord when the ventilator is in use.

Has universal motor. 25 to 60 cycle 110 volt A.C. or D.C.

No. B7502. List $18.00. NET **$12.35**

No. B7503. Jr. Oscillator 9" blade. 110v. A.C.-D.C. 25-60 cycle. List $12.00. NET..... **$8.24**

No. B7504. Jr. Oscillator 9" blade. 32 v. D.C. only. List, $13.50. NET..... **$9.25**

No. B7505. 12" Oscillator. 110v. 50-60 cycle A. C. only. List $24.00. NET..... **$16.48**

No. B7506. 12" Oscillator. 110v. D.C. only. List $24.00. NET..... **$16.48**

No. B7507. 12" Oscillator. 32v. D.C. only. List $25.00. NET..... **$17.15**

No. B7508. 16" Oscillator. 110v. 50-60 cycle A.C. only. List $28.00. NET..... **$19.20**

No. B7509. 16" Oscillator. 110v. D.C. only. List $28.00. NET..... **$19.20**

Na-Ald Midget Cone Speaker

Tiny Cone Speaker

A unique working model of large sized cone speaker. Ideal for personal use when a large speaker would give too much volume or for operation late at night without causing disturbance. A perfect cone speaker of good tone barely more than 6" in diameter. Excellent for the children or as an extension speaker for the bedroom.

No. B6218. List Price, $2.00. NET..... **$1.18**

Dialite Lamp

The Dialite lamp is only 5" high and is beautifully finished in gold. Placed on top of your radio set and connected with your battery, it will light up the panel of your set without causing glare in any way. Fully shields the light from your eyes and yet furnishes plenty of light for tuning and adjusting your set. Has a weighted base and 3 ft. cord.

The Dialite lamp connects with your 6-volt storage battery. It is furnished with bulb complete. Has adjustable arm and shade. Beautiful in appearance. Light and portable, it can easily be moved. Beautiful and distinctive in appearance. A necessary addition to any set.

No. B6216. List Price, $3.00. PRICE..... **$1.18**

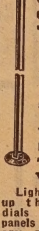
In-a-Cap Hydrometer

A novel hydrometer that precludes the possibility of acid spilling when testing storage batteries. The hydrometer will fit into the screw vent of all standard storage batteries. Simply remove the caps from the batteries and screw in an In-A-Cap Hydrometer in the vent of each cell. Not necessary to remove hydrometer at any time to take a reading.

The hydrometer will show instantly the condition of each cell.

No. B6214. Retail Price Per Set of Three, $3.00. YOUR PRICE SET OF THREE..... **$1.30**

Pipe Mast



Tubular steel Radio Masts. Complete with guy wire, pulley and anchors. Telescopes to 4 foot and may be extended to 7 feet. For sloping roof, side wall or flat roof.

No. B6215. List Price, $2.50. YOUR PRICE..... **$1.45**

Vimco Radio Light

Lights up the dials or panels of any radio receiver. Can be adjusted to any position. Designed specifically for radio, not an ordinary lamp adaptation. Can be attached to any house lighting circuit. It is not operated from and does not drain the batteries of any radio set. Finished in rich, soft bronze. The base of white metal is heavily weighted to prevent tipping. Takes candelabra lamp. Extra long length of silk cord with plug included.

No. B6217. List, without lamp. $3.85 NET..... **$2.23**

C. R. L. Station Selector

Not a Wave Trap

Tunes out short wave interfering stations. Increases selectivity of any set on stations close to locals. No adjustment. Simply turns on and off. It is impossible to separate stations that transmit on the same wave length. Stations that broadcast close enough to each other to cause interference, however, may be separated with ease with the Centralab station selector. Makes local stations tune sharply. Simple to install, just connect it in series with antenna lead in.

No. B6212. List Price, $1.00. PRICE..... **60c**

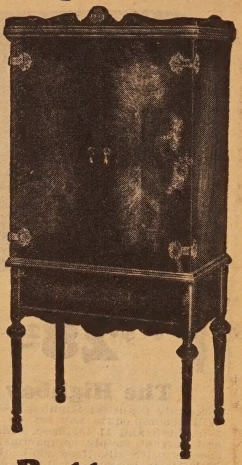
Time Lite Electric Time Switch

A splendid quality, beautiful clock fitted with an electric switch device which shuts off or turns on your radio set any moment you desire. No harm if you forget to shut off your set if Time Lite is on the job. Pretty bronze finish case with 30-hour reliable movement. Two radio regulator hands, one for turning on set, one for shutting off. Easily connected, only one wire affected. Uses no current.

No. B6213. List Price $8.50. NET PRICE..... **$4.22**

Beautiful Console Specials

Silver Chest Console



WITH **built-in horn speaker,** full size long doors closing, **made of burl walnut,** beautifully designed, well proportioned, **size 61 in. high, 29 in. wide and 17 in. deep.** Large compartments for all accessories, etc.

Will take size **7x18 or larger panel.** We show this model only open, but too much cannot be said of its extraordinary beauty and design. Beautiful grill, a real **quality console in a model that is in tremendous demand.** This is your opportunity.

No. B9134. Silver Chest Console DeLuxe, without speaker unit, but with horn. **Retail List Price, $90.00.**

Your Wholesale Price

$46.00

No. B9135. With Genuine Amplion $17.50 Value Unit.

Your Price With Unit

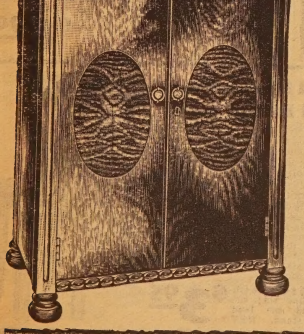
$52.00

Radio and Battery Table

TOP and lower shelf are built of three-ply wood capable of holding 200 lbs. to the square foot. **Folds up into small space.** Size when open, **25½ in. high x 29 in. wide x 15½ in. deep.** Will hold any size receiver on top and "A" and "B" eliminators or batteries below. This is the table to buy for convenience. It is a tremendous value. Thousands are being sold. **Do not compare this with the cheaply constructed weak tables** which would not be able to withstand the strain of a set and accessories. **This is guaranteed.**

List Price, $9.00.

No. B9131. YOUR PRICE **$3.95**



Low Boy De Luxe Ampliphonic

A BEAUTIFUL console, **27 in. wide, 16 in. deep and 39 in. high.** Beautifully designed. **Genuine burl stump walnut matched in quarters.** Lightly shaded around center and tapering out to a deep walnut. **Large horn** in a beautiful grill. Sell from sample. Furnished for 7x18, 21 or 24. **With or without unit.** Spacious compartments for batteries, etc.

No. B9136. Retail List Price, $70.00.

Your Price **$29.00**

No. B9137. With Genuine $17.50 List Amplion Unit.

Your Price **$35.00**

De Luxe Period Consoles and Speakers

No. B9142. Retail Price, $48.00. NET PRICE

$28.20

THIS period furniture is specially built for radio purposes. It will house radio set, chargers, eliminators, etc. Made of Adam brown mahogany finished, lacquered and hand-rubbed. Three-ply mahogany mounting panel supplied with consoles. The ideal console for a moderate priced set. Extraordinary values in real period furniture.

No. B9143. Retail Price, $35.00. NET WHOLESALE PRICE.....

$20.55

The Highboy

A truly beautiful Highboy design shown above. Will accommodate any set up to 26 in. long by 9 in. high and 11 in. deep. Eliminators, battery and current supply compartments. Has built-in speaker with silk lined grill. Dimensions, 32 in. high by 42 in. wide by 16 in. deep. An extraordinary console value.

The Lowboy

Built in the same design as a Highboy. Same quality construction. May be used with outside cone speaker or horn speaker. This console is without speaker. 26 in. wide, 39 in. high and 16 in. deep. A finely finished beautiful Adam brown mahogany finished, lacquered and hand-rubbed console with antique trim. A real buy.

Radio Cabinet Table

New medium priced attractive, substantial radio cabinet designed to accommodate any radio set and all batteries, chargers, eliminators and power units. Attractive in appearance with mahogany finished legs and substantial top front ends and back made of special panelling covered with Spanish grain enameled leatherette.

Tremendous Value

The special Spanish grain makes a beautiful finish which will not mar and harmonizes with the best furniture. Front door opens for accommodating batteries and power units and when closed completely hides these unpleasant appearing power accessories. Ventilated at the top of side and back panels. Shipped knocked down in dustproof carton. May be assembled by anyone in a few minutes. Dimensions: height 30 in.; top, 18x36; battery compartment, 13x32.

No. B9170. List, $12.50. NET..... $7.35

Portable Case

Black Alligator Fin.

No. B9173. Light in weight with commodious battery compartment, this portable case is exceptionally adaptable to the installation of any radio receiver set having 7x18 panel size. Over-all dimensions: 25" length, 10¼" depth and 15¾" width. Substantially and sturdily constructed with Spanish leatheroid covering. Protective metal corner brackets. Front and back hinged. The back is equipped with brackets for winding loop. This is a distinct advantage. A specially constructed, scientifically correct loud speaker is built in this portable case. The loud speaker will take any standard unit with a connector. The weight of the case is 10 pounds. Beautiful in appearance, compact. Worth $25.00. Shipping weight, 15 pounds.

Our Special Offer to You..... $8.90

Folding Radio Table

A sturdy folding table for any set. Has battery shelf where all accessories may be kept. Top and shelf of special vulcanized trunk fibre. Dark green waterproof leatherette covering. Well braced with hardwood side rails. Dark mahogany finish. Has protective metal corner brackets. Height 26 in., width, 29 in., depth 16½ in. Shipping weight, 14 pounds.

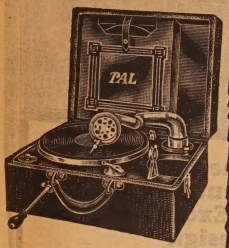
No. B9172. YOUR PRICE $3.15

Loud Speaker Stand and Radio Stool

Attractive radio stool and loud speaker stand. Finished with beautiful enameled leatherette covering. Mahogany finished legs. Matches the radio cabinet and will harmonize with any other radio console and finest furniture. Height is 19 in., top is 13½ in. square. Loud speaker stand is 28 in. from top, 15x14 in. Popular fast selling item. Practically everyone needs a radio stool and a stand for the loud speaker. Shipped knocked down in dustproof carton. Easily assembled by anyone in a few minutes' time.

No. B9169. List, $6.50. One set; one stool and one loud speaker stand. NET $3.95

New Pal Phonographs



Use any portable with phonograph pickup and radio for electrical phonograph reproduction.

The finest Portable ever made. Easy to take anywhere — touring, boating, camping, etc. Compact, easy to carry. It is superior in every way—in construction, in durability, in tone quality. Has many exclusive features.

Pal Standard

$25 Retail

Equipped with a heavy-duty double spring motor which **plays three records with one winding.** Carries latest type of tone arm and metal shielded reproducer. Large built-in record album. Genuine DuPont Fabricoid with embossed border. 16 lbs. Supplied in **black, blue or brown** finish. 15½x12x7¾ inches.

No. B7002. List $25.00. Each $12.95, Less 2%, or NET ..... **$12.69 Net**

Pal Junior

$15 Retail

With new type metal shielded reproducer and large built-in record album. 2 records with one winding. DuPont Fabricoid finish. 11¾ lbs. **Black, Blue** or **Brown finish.** 13⅜x11½x7¼ inches.

No. B7001. List $15.00. Each $8.95, Less 2% or NET..... **$8.77**

Pal Phono-Pact

The smallest, lightest portable phonograph. Weighs only 7¾ lbs. Carries six records. Remarkable tone quality. Plays all 10-inch records. 11¼ inches wide, 12 inches long, 3½ in. deep.

No. B7000. List, $10.00. YOUR PRICE **$5.80**

GENUINE WALNUT CARVED CABINETS

One of the most beautiful walnut cabinets ever designed. Attractive, gracefully designed, beautiful cabinets. Finely finished, hand rubbed. Full 10 in. depth. Beautiful appearance. Perfectly matched grain and color. Quality workmanship. Exceptional quality. Remarkable low price. **These are the new cabinets as illustrated with the latest kits and the new improved circuits.** An astounding value.

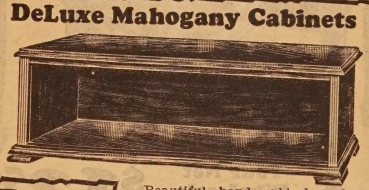
No.	Panel Size	Depth	List	NET
B9146	7x18	10″	$11.00	$6.46
B9147	7x21	10″	12.00	7.06
B9148	7x24	10″	13.00	7.62
B9149	7x26	10″	14.00	8.23
B9150	7x28	10″	15.00	8.80

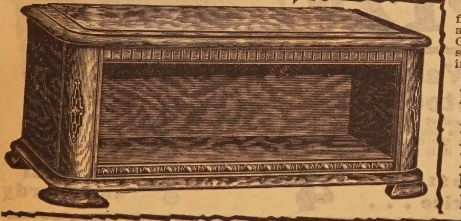
Carved Cabinets

Genuine solid walnut cabinet. Highly finished, hand rubbed in natural color. Heavy post construction. Carved with artistic finish. Nickel piano hinge. Heavy, substantial top. **Front, sides, top and back have raised panel effect.** Full 12-in. depth.

No.	Panel Size	List Price	NET
B9151	7x18	$21.00	$ 9.00
B9152	7x21	22.00	10.20
B9153	7x24	22.50	10.50
B9154	7x26	23.00	10.95
B9155	7x28	23.50	12.00

DeLuxe Mahogany Cabinets





Beautiful hand rubbed mahogany finished cabinets. Finely constructed and durable. Has over-hanging top. Grooved for ⅛-in. panel. All standard sizes. Wonderful values. All sizes 10 in. deep. The best buy on the market.

No.	Panel Size	Your Price
B9157	7x18	$3.95
B9158	7x21	4.40
B9159	7x24	4.70
B9160	7x26	4.95
B9161	7x28	5.25
B9162	7x30	5.85

Quality Console Table

AN extraordinary value. Not an ordinary table as its price might indicate, but substantially constructed of heavy, genuine walnut.

A fine piece of furniture, beautifully finished and rubbed. Light and dark two-tone French walnut finish.

Ample Battery Compartments

Conceal all batteries and chargers. Full size hinged doors make batteries readily accessible. Changes any table type set into a console set. Large enough for any receiver. The top is 18 in. deep by 32 in. long, height 31 in.

A remarkable value. Finely finished high priced table offered at an exceptionally low price. Hundreds can be sold at substantial profits.

Shipped full crated from our factory in Southern Indiana or Chicago warehouse.

Genuine French Walnut Two Toned Exquisite Design

Retail List Price 25.00 **No. B9110 YOUR PRICE** $11.75

Genuine Walnut Cone Speaker Table

FOR any table model cabinet set where you need a loud speaker of good quality and a table for battery compartment, this is your opportunity. Made of heavy genuine walnut. This is as fine a piece of furniture in its shaded tones as you might want. Two-tone effect, hand-rubbed, soft finish, wonderful appearance.

Do not compare with small, cheap tables offered elsewhere

No. B9107. List Price without Speaker $35.00

Your Net Wholesale Price $12.50

Large Compartments

This table is opened at the back and has large compartment for batteries, eliminators, etc. **Why spend money for a speaker and also for a table when you can get a combination.**

The Speaker

The speaker is a full sized cone, in which the low notes and high notes are equally produced. The speaker originally sold for $20.00 and is particularly adapted for this table.

The front walnut section of the table has a finely carved grill, backed with gold silk. It is a full sized table **32 in. high, 32 in. wide and 18 in. deep.** Makes a console set of any table model. It is specially priced and **shipped fully crated from our factory in southern Indiana or Chicago warehouse.**

You can buy the table only and install your own speaker.

No. B9108. List Price with Speaker $50.00

Your Net Wholesale Price $17.50

Genuine Walnut Radio Stool

This is a sturdy stool of genuine shaded walnut particularly made for use in sitting in front of your radio set. It is just the right height and its size is **18 in. high by 12 in. wide by 22 in. long.** Just the thing you have been looking for. When tuning in a number of stations, it is possible to sit easily before your set and really enjoy it.

NO. B9109. Retail list price $14.00

Your Net Wholesale Price . . . $4.40

Beautiful and Sturdy

Electrify Your Set With SUPERPOWER "A-B"!

Complete Powerful Socket Power

180 Volts "B"—6 Volts "A"—No Chargers —No Batteries—No Hum—No Controls

UNFAILING Constant "A" and "B" Power direct from the light socket for any radio set. Perfect filtration. Smooth, constant, quiet power always available. Never failing.

ALL SETS UP TO 10 TUBES

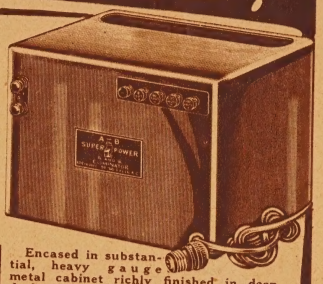
The Super-power "A" and "B" Eliminator is a genuine eliminator. It contains no batteries of any sort.

Five output "B" taps—**Negative, Detector Plus, 90 Volts Plus, 135 Volts Plus, 180 Volts Plus.** This will supply the proper "B" voltage for any radio receiver and any combination of tubes, including 112 and 171 Power Tubes and will even furnish sufficient voltage for these power tubes in push and pull. Think of it!

INSTANTLY INSTALLED

No knobs to adjust—no variable voltages. New voltage regulator tube holds the output voltages constant regardless of A.C. line variations. The voltages shown on the output are the voltages that will always be delivered.

No changing in wiring or altering of circuit. Connect the set wires to the Super-power "A-B" and plug in the light socket.



Encased in substantial, heavy gauge metal cabinet richly finished in deep dark dull green.

Complete with Raytheon Tube and Voltage Regulator Tube—Ready to Install.

No. B8075
Retail List $67.50
YOUR PRICE

$35.90

SUPER "A" ELIMINATOR

No. B8001

Complete in green metal case with cord and plug. 6x10¾x8⅜ inches.

List Price, $35.00
YOUR PRICE

$19.11

For Any Receiver Up to 10 Tubes

REPLACES "A" BATTERY ENTIRELY

THE new Super-Power "A" Eliminator is a Complete "A" Eliminator delivering constant, smooth, humless 6-volt "A" current direct from the light socket to operate any radio receiver using up to 10 201A and power tubes.

Not a Combination Battery and Charger

The Superpower "A" Eliminator is a genuine eliminator. It is not a so-called "A" power unit using battery, trickle charger and relay.

Can be used in connection with any good "B" eliminator for complete electrification.

Dependable Power—Easily Installed

Always ready at the touch of the switch. Nothing to wear out. No relays or complicated or delicate parts. Nothing to replace. As simple and as fool-proof as an electric lamp. The current is used only when the set is in use.

Anyone can install the Superpower "A" Eliminator in a few minutes' time. Requires no changes in the set or circuit of any sort.

Unbelievably Low Priced

The lowest priced "A" eliminator ever offered to radio dealers—costs you less than a good battery and a good charger. Here is your chance to cash in on volume sales and big profits.

The Superpower "A" Eliminator operates from the light socket, 105-120 volts, 50-60 cycle A.C.; output, 6 volts direct current for all sets up to 10 tubes with power tubes.

AMPLIPHONIC
Ortho Type Console

MADE of genuine walnut, beautifully shaded with large Gothic grill. A real piece of furniture. Full size—40 in. high, 24 in. wide, and 16 in. deep. Plywood crated. Open at the back for eliminators and other accessories. Comes with or without speaker. Will take panel size 7x18, 8x18 or smaller. You can use a square panel for one, two, or three-dial sets. This is a $60.00 value and a very popular price.

COMPARE OUR PRICES

No. B9100. Without set, speaker or unit. NET PRICE	No. B9101. With built-in $12 value cone speaker. YOUR NET PRICE	No. B9102. With Platter or Newcombe-Hawley Ortho type horn with 68-in. throat and genuine Baldwin or Amplion unit— NET PRICE
$17.25	$21.80	$25.70

GRAND
Walnut Console
THE BUY OF THE AGE

THIS is a genuine walnut console with large beautiful grill opening for loud speaker, oval opening for panel with fancy beading on the sides, beautifully shaded and finely finished.

With or Without Cone Speaker

This console is sold with or without a $12.00 value cone speaker. Opening will take from the inside any single or 2-control receiver. Buy our chassis as shown in this book and this console and you can sell thousands of radio receivers.

No. B9126. The Grand Walnut Console without speaker or unit shipped from Wisconsin or our Chicago warehouse. List Price $30.00. YOUR PRICE..... $14.60

No. B9127. The Grand Walnut Console with built-in free edge speaker. YOUR PRICE..... $19.40

Ampliphonic Console
Genuine Walnut, Oval Opening, Beautiful Finish

ESPECIALLY constructed for us in an extraordinary fine walnut shaded around the panel, with an opening to fit any one- or two-dial receiver. Will take any 7x18 in. or 8x18 in. or smaller size panel.

Below is an opening for a loud speaker, either cone or horn type. Size of console 40 in. high, 23 in. wide and 16 in. deep. Large compartments. Open back—beautifully beaded around speaker opening in two-tone shaded rich French type walnut. Extraordinary sturdy construction. Shipped in plywood case from Wisconsin or Chicago. This console is worth $50.00 at retail.

No. B9111. Retail list price, $40.00. YOUR NET WHOLESALE PRICE.....	No. B9112. With built-in free edge. $17.50 value speaker. YOUR NET WHOLESALE PRICE.....
$16.85	$23.50

Exceptional Value!
Symphonic Type Console

THIS beautiful console is highly favored because of its instant accessibility and very refined and pleasing appearance. Although simple and massive in its first impression the turned fluted corner posts and beautiful contrasting beading on the drop leaf form a pleasing relief from the severity of line of the console itself.

Burl Walnut Construction

Beautiful American burl walnut, high lighted, and hand rubbed and polished to an exquisite finish. Has built-in speaker of wonderful tone quality with silk lined removable grille, unit not included. Plenty of room in speaker compartment instantly accessible for power units, etc.

Accommodates any set up to **24x9x11 inches deep. Overall size, 41 inches high, 27 inches wide, 17 inches deep. A real quality console in a model in tremendous demand.**

No. B10101. Symphonic Console with built-in Speaker but without Unit. **List Price, $50.00.**
YOUR SPECIAL PRICE..... **$26.50**

The Pilgrim
Dignity and Grace Distinguish This Model

HERE we have one of the most popular types of radio consoles in a most pleasing design. Rather plain and severe in its contours, but relieved by rich shadings and an exquisitely carved scroll grille over the spacious speaker compartment. The front panel drops exposing the set and forming a convenient arm rest when tuning.

Beautiful Burl Walnut

American burl walnut of finest craftsmanship exquisitely hand rubbed and polished to a velvet smooth finish. Accommodates receiver panel size up to 21 inches wide. Built-in Tone Chamber but without unit, occupies lower compartment size **20x20½x16 inches** with plenty of room for accessories. **Overall size, 40 inches high, 27 inches wide, 18 inches deep.**

No. B10102. The Pilgrim Console with built-in Speaker but without Unit. **List Price $40.00.**
YOUR PRICE..... **$26.00**

Walnut
Low Boy Console
Extraordinary Value!

WE do not believe you can buy a genuine walnut console of such exquisite lines, beauty and distinguished appearance at anywhere near this price elsewhere.

An attractive low boy console design sturdily constructed, substantially built and finished in a smooth hand-rubbed two-tone beautiful walnut. The base is perfectly turned and fluted posts with graceful stretchers. Lower panels are high lighted and beautifully finished.

Exquisite grille in center covers speaker compartment. Spacious room for power units.

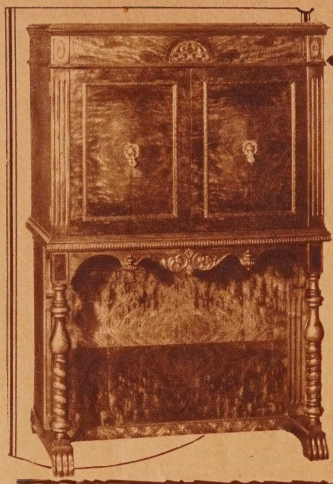
Takes Radiola No. 117—Atwater-Kent No. 33 and No. 36

This console can be used for **Radiola Model No. 117** and **Atwater-Kent Models No. 33 and 36.** Will accommodate receiver panels up to 24 inches wide.

This console is optionally sold without Speaker or with $35.00 value Amplion Power Cone Speaker.

No. B10103. Walnut Low Boy Console without Speaker. **List Price $40.00.**
YOUR SPECIAL PRICE..... **$21.00**

No. B10104. Walnut Low Boy Console with Genuine Amplion Unit, $35.00 Value, Power Cone Speaker...... **$26.60**



The Canterbury

THE new type of console in the unique striking design. This is the finest period type console made of **matched butt walnut and burl walnut inlays.** Finest hardware in a beautiful deluxe console cabinet. The most exquisite thing one might want in radio console. Comes with built-in speaker. **84 in. air volume. Newcombe-Hawley design, and Baldwin unit. Height 50 in., width 33 in., depth 21½ in.**

No. B3140. Complete with speaker and unit

Retail List, $175.00
NET WHOLESALE PRICE
$102.00

The Intermezzo

ON the right is the Intermezzo, a beautiful well designed butt walnut, blended console for receiving sets up to 24 in. wide or up to 10 in. high. Comes equipped with **Ortho type speaker, 84 in. air column, Newcombe-Hawley made and genuine Baldwin unit,** with compartments for eliminators, etc. **Height 42 in., width 30 in., depth 20 in.**
No. B9138. Complete with horn and unit.

List $125.00

YOUR SPECIAL PRICE **$73.50**

The Nocturne

The Ortho-type Speaker

THE Nocturne console will house any radio set up to 24 in. long, up to 9 in. high and up to 18 in. deep. It is one of the most beautiful consoles on the market today. Sold without speaker or unit. Can use either a cone speaker or a horn speaker which you will find on our speaker pages. **Height, 36 in., width, 24 in., depth, 21 in.** Made of burl walnut with opening for large Ortho type speaker or cone to be found on our speaker pages.

No. B9144. Retail Price, $45.00. NET WHOLESALE PRICE **$26.46**

Spanish Renaissance →

A BEAUTIFULLY built console in the Spanish Renaissance period. Butt walnut front, matched woods, exquisite in design and in handwork. Fine overlays, antique hardware. Will take panels up to 10x24 in. **Built with Newcombe-Hawley 84 in. speaker and Baldwin unit.** A tremendous value at an extraordinary low price for this console model. Your opportunity to get a tremendous value in a beautiful console at the right price.

No. B9141.
Retail List $150.00
Your Net Wholesale Price

$88.20

No. B9139. Complete with Newcombe - Hawley Ortho type speaker and unit.
Retail, $250.00 YOUR NET WHOLESALE PRICE .....

$147.00

The Plymouth →

THIS cabinet splendidly combines the popular Arm Chair Model design and the Orthophonic Horn arrangement. It is made of the finest American walnut plywood, beautifully finished in the new velvety, smooth lacquer with charming touches of antique high lighting on the wood turnings.

Takes any set fitting space 21 in. wide, 8½ in. high, 13 in. deep. It is filled with a 3-ply mounting panel 7x18 inches on sliding pull-out mounting board. 25 in. wide, 15¾ in. deep and 43 in. high. Behind the grille is housed a very efficient built-in wood horn, to which may be fitted any standard speaker unit. The entire front is hinged, allowing easy access to ample space for all batteries and power units, 22x13x13½ inches. This is, unquestionably, one of the very best values ever offered and is characterized by the finest workmanship in every detail. Shipping weight, 115 pounds.

No. B9139C
List, with Built-in Wood Horn, $39.00. NET, Each

$22.95

The Arlington

← THE Arlington is the last word in a distinctive radio console. It will house a standard loop, a set up to 10x24 in., and has large space for power units, eliminators and batteries. Design is popular English early Elizabethean style.

Wood is selected burl walnut faced with butt walnut 5-ply construction. Comes complete with **84-in. throat Ortho type speaker made by Newcombe-Hawley, and Baldwin unit.** An extraordinary console to grace the finest homes. **53 in. high by 45 in. wide by 18 in. deep.**

Spanish Period

With Built-In Long Throat

The Riviera

THIS is truly a superb example of the designer's art in ornamentations, inlays and shadings, all harmoniously blended. Four door front of select butt walnut, beautifully panelled and shaded. Rich wood inlay ornamented with antique turnings. Shaded and high-lighted. Very distinctive lower construction.

Construction De Luxe

When open it has space for radio set. Will accommodate radio sets up to 30 in. Spacious room for eliminators or batteries. **Has 60 in. pure tone deluxe wood horn** and is offered to you with or without speaker unit. **A truly wonderful creation.**

No. B8884. Retail Price, $195.00. YOUR PRICE **$108.00**

No. B8885. The Riviera complete with genuine $12.00 Amplion Speaker Unit **$113.50**

The Queen

TO the right is pictured a truly **Spanish Eighteenth Century design.** Made of **genuine butt walnut** with birdseye maple overlay in antique highlighted finish. Large horn compartment on top of console with pure tone long throat horn. Will accommodate sets up to **24 in. wide, 8½ in. high and 13 in. deep.** Spacious compartments for all accessories, eliminators, batteries, etc.

Photograph shows the Queen console closed. Speaker closest to top permits comfortable tuning of the set below it. **This is truly the Silverchest Spanish design of the day.**

No. B8886. Spanish Queen design as pictured on the right, for any set from 7x18 up to 8½x24. Retail Price, $85.00. YOUR PRICE..... **$47.50**

No. B8887. Your price with genuine Amplion $12.00 list Speaker Unit **$53.45**

GENUINE WALNUT Consoles

Orthophonic Type Speakers

The Spanish Operetta →

A MASTERPIECE in design, construction and finish—shown to the right. Panelled doors of select butt Walnut overlaid with figured mahogany and inlaid designs. Heavy scroll rail, two-tone, frieze top and bottom. Spacious compartments for accessories. 60 in. horn of Ortho-type. Takes sets up to 30 in. wide, 8½ in. high and 13½ in. deep. Truly a wonderful buy.

No. B8892. Retail price $165.00. YOUR PRICE..... **$89.50**

No. B8893. With genuine $12.00 Amplion Unit. YOUR PRICE..... **$95.00**

Walnut Silver Hi-Boy

← MADE of genuine walnut, two-tone, highlighted, shown to the left. Satin wood overlay. Ebonized border. Large grill on lower section with compartments for accessories. Takes sets up to 21 in. wide, 8½ in. high and 13 in. deep. Long throat speaker. Console dimensions, 26 in. wide, 17 in. deep, 48 in. high.

No. B8890. Retail Price, $70.00. YOUR PRICE..... **$34.90**

No. B8891. With genuine $12.00 Amplion Speaker Unit. YOUR PRICE..... **$40.45**

The Infanta →

TO the right is pictured the most beautiful genuine butt walnut console on the market today regardless of price, with mahogany overlays, two-toned ebonized border, scrawl overlays on the side panels, carved effect legs and two-tone highlighted finish. The last word in beautiful design and construction.

Sixty inches long Orthophonic type speaker horn. Spacious room for accessories. Takes sets up to 30 in. wide, 8½ in. high and 13½ in. deep. A wonderful buy.

No. B8888. Retail Price, $95.00. YOUR PRICE..... **$49.50**

No. B8889. Complete with genuine Amplion $12.00 Speaker Unit. YOUR PRICE..... **$55.00**

Long Air Column Speakers
With Newcombe-Hawley Horns

Pierson Newcombe-Hawley Speaker

THIS is a Pierson speaker console with an 84-in. throat Newcombe-Hawley speaker, including Baldwin unit. Wonderful tone quality, extraordinary volume. This is really a tremendous value. Will hold any size radio set above it. A real buy.

No. B9145. Retail Price, $65.00. YOUR PRICE $38.22

Master Console

With 86-Inch Genuine Newcombe-Hawley Horn

THIS type of reproducer has a nationwide reputation for the finest, most highly developed radio Speakers made. They are perhaps the only reproducers that actually reproduce all the notes of the scale with absolute fidelity.

Tremendous Value

Fitted with Genuine Baldwin Unit. Made from finest walnut, hand-rubbed finish. Top, 30x16 in. Height, 35 in.

No. B9145A List Price, $65.00

Your Net WHOLESALE PRICE $38.20

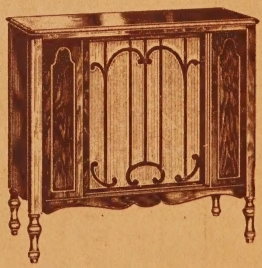
Genuine Newcombe-Hawley Console Reproducers

BEAUTIFUL console and table reproducers fitted with the new Newcombe-Hawley marvelous 86-in. tone chamber. Reproduces perfectly every sound from a whisper to the full voiced volume of a massed orchestra. All models are equipped with the genuine Nathaniel Baldwin unit.

Sonata

As illustrated. Large enough to use with any table set. Room for batteries, etc. Attractive grill work. Genuine 5-ply walnut hand rubbed and beautifully finished. Height 34 in.; width 36½ in.; depth 16⅝ in.

No. B8558 List, $75.00. NET . . . $44.10



Operetta

Used as table for the average set. Does not take batteries. Beautifully designed and built of genuine highest grade 5-ply walnut. Height 33 in.; width 28½ in.; depth 16⅝ in.

No. B8557 List, $65.00. NET . . . $38.22

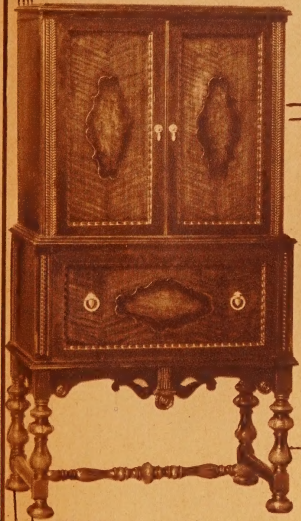
Superior Period Cabinets

The Colonial

DISTINGUISHED by tasteful decorations and cutouts and the splendor of its veneers. It is constructed of selected American walnut with beautifully matched butt walnut front panels. The richly carved scroll grille fronting the lower compartment lends a most striking effect. Top is hinged, giving easy access to the radio set. The large lower compartment provides generous space both for the long air column built-in horn, as well as all batteries, etc. It is finished in the new lacquer, hand-rubbed to a semi-dull velvety smoothness. Height, 43 in.; width, 28 in.; depth, 18 in. Adaptable to all sets up to 24 inches and is fitted with 3-ply panel which may be adapted to smaller panel size. Set compartment, 25x 9⅝x12¾ inches. Shipping weight, 115 lbs. With in-built horn but without Unit.

No. B9120. List, $70.00. NET, EACH

$39.50



The Castilian

CONSTRUCTED of American walnut, richly veneered with perfect matched butt walnut front and striking burl walnut overlays. The Speaker Compartment Grille is made in a richly carved effect, reminiscent of the days of the old artist carvers. A sliding tray is provided for the radio set and the lower front panel is also removable for easy access to the battery compartment. The finish is the new hand-rubbed lacquer, soft and velvety. Has a long air column horn with a metal throat, to which may be fitted any of the standard speaker units. It will take sets up to 10x24 inches and is fitted with a walnut 3-ply panel, which can be adapted to smaller panel size. Height 51 in.; width, 27 in.; depth, 16 in. Battery compartment, 22½x10¼x14 inches. Shipping weight, about 125 lbs.

No. B9122. Complete with Horn but without Unit. List $85.00. NET EACH..... **$49.20**

The Seville

TAKES its general contour from the old Spanish Treasure Chest which distinguish pieces from that romantic period. Skilled craftsmanship of superior artisans has fashioned it from fine American walnut. The front is of butt walnut, selected and matched with the greatest care and embellished with the moulded grille, carved wood mouldings, overlays and turnings. Finished in lacquer, hand-rubbed to a smooth semi-dull surface. The front panel drops, exposing the set and forming a convenient arm rest when tuning. Set compartment 25x8⅜x 14¼ inches and takes panels up to 24 inches. Furnished with 3-ply walnut panel for adapting smaller panels. Above the set is a roomy compartment 15⅞x18¾x24 inches, with the long air column horn fitted with a metal throat, into which any standard speaker unit may be adapted. On each side of horn is ample space for batteries, etc. Height, 50½ in.; width, 30¾ in.; depth, 18¾ in. Shipping weight, about 150 lbs. Price includes horn but no Unit.

No. B9118. List, $95.00. NET . . **$53.75**

A Wonderful Value!

The Trocadero

A MAGNIFICENT Spanish design with full size doors of beautiful shaded genuine burl walnut, carefully selected and matched, embellished with harmonious wrought brass hardware, opening upon speaker, receiver and accessory compartments with drawer below. Sturdy artistic turned and fluted legs.

Can be ordered with **built-in 48-inch long air column horn of wonderful tone quality**—with or without standard unit of great power. Horn space, **10x24x15 inches.** Accessory space, **10¾x24x15 inches.** Sliding frame for panel, **8⅜x21 inches, 14 inches deep.** Overall size, **49 inches high, 26 inches wide, 17 inches deep.**

No. **B10105.** The Trocadero Console. List Price, $80.00. YOUR SPECIAL PRICE **$48.00**

No. **B10106.** With 48-inch Horn. List Price, $93.00. YOUR PRICE **$54.70**

No. **B10106.** With 48-inch Horn and Unit. List Price, $99.50. YOUR PRICE **$58.50**

Beautiful Console Bargain

Beautiful Spanish Console Value

MORE than fine wood and craftsmanship has gone into the making of this fine console—the inspiration to make the period it represents to live again in this gem of radio furniture. Made of finest American walnut with choice matched grain burl walnut front. The doors and battery compartment have polychrome overlays. Decorative antique hardware. The base is distinguished by perfectly turned legs and graceful stretchers. Behind the charming grille is a long tone travel horn of scientific design. The set compartment accommodates sets with chassis up to **8x21x10 inches.** A blank panel for smaller size sets is furnished. The battery compartment is **11 inches high, 21 inches wide and 12 inches deep.** The console measures over all **48 inches high, 25 inches wide and 15 inches deep.** No unit included.

No. **B10110.** List, $97.50.

YOUR PRICE..

$44.50

High-Boy Console

OF very pleasing design this beautiful console has quickly established itself as a very popular number on account of its elegant simplicity. It is distinguished by the unusual antique high lighted turnings, the overlay on the doors and attractive inlay work.

Master Craftsmanship

Made of selected, matched American walnut beautifully high lighted and hand rubbed bringing out the natural grain. The doors open on beautiful grille speaker space, accessory space and sliding frame for panel 8⅜x21 inches, 14 inches deep. Can be furnished with 48-inch long air column horn, acoustically correct; horn space, **10x24x15 inches.** Dimensions, **49 in. high, 26 in. wide, 17 in. deep.**

No. **B10107.** High Boy Console. List Price, $80.00. YOUR SPECIAL PRICE **$48.00**

No. **B10108.** With 48-inch Horn. List Price, $93.00. YOUR PRICE **$54.70**

No. **B10109.** With 48-inch Horn and Standard Speaker Unit. List Price, $99.50. YOUR PRICE **$58.50**

Exceptional Value

Quality Console Specials

Large Ampliphonic Console Cabinet

WE offer the Ampliphonic large **genuine walnut console (without set)** with built-in speaker, and with or without unit, to be sold to radio set-builders. Full complete spacious compartments for batteries, chargers and eliminators. **To fit size 7x18, 21 or 24 in** receivers.

Beautiful Design

45 in. high, 28 in. wide and 17⅛ in. deep. Front made of stump walnut, decorated with heavy moulding around both openings as pictured. Large 68 in. long throat horn speaker. This is the fastest selling console in a thick, heavy constructed, massive design. **Shipped from Indiana or Chicago warehouses. Sell from sample. In ordering, specify size of receiver.**

No. B9132. The beautiful large Ampliphonic Console without set and unit, but with 68-in. Orthophonic horn.

List Price $100.00 Special Price To You . . **$35.75**

No. B9133. Large Ampliphonic Console with genuine Amplion $17.50 list speaker unit—

Your Price **$41.75**

No. B9133A. Beautiful Shaded Walnut Console as above with built-in free edge $17.50 value Amplion Power Speaker.

Your Special Price **$25.40**

Extraordinary Value Beautiful Walnut Console

WE do not believe you can buy a **genuine walnut console** with or without built-in speaker —a console of such exquisite lines, great beauty and distinguished appearance anywhere else at this price. This is a genuine dark shaded walnut console as pictured with large beautiful grill opening for loud speaker, **beautifully shaded and finely finished.**

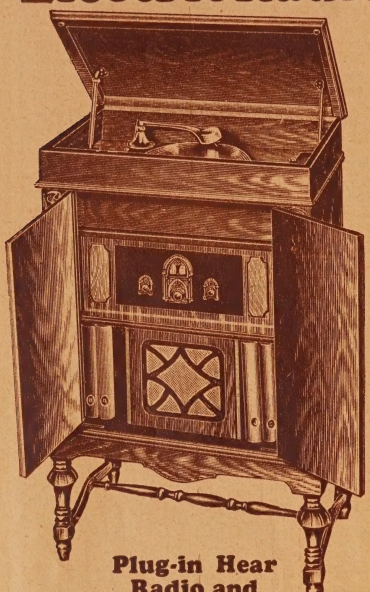
With or Without Speaker

Sold with or without Genuine Amplion Power Speaker. Size, 40" high, 24½" wide, 14⅜" deep. Mounting Panel 20"x9"

No. B9132A—Beautiful Shaded Walnut Console without speaker or unit.

List Price $50.00 Your Special Price **$18.70**

Electric Phonograph Electric Radio Combination



Plug-in Hear Radio and Phonograph with Power Amplification Genuine Walnut Console

The finest phonograph console. Built by master craftsmen. Gracefully designed and solidly constructed. A fine piece of furniture for the most richly appointed home. Meets the great demand for the finer grade instrument. Fulfills the desire of music lovers. Most wonderful radio and phonograph performance. Beautiful appearing, wonderful performing. Extremely simple. **The women and children can easily operate it.**

Astounding Value

A $400.00 value. Sold complete with Radio Corporation of America tubes. Complete, ready to plug in and operate.

No. B9089A. List Value—$400.00.

OUR SPECIAL OFFER—YOUR WHOLESALE PRICE **$191.10**

$195.00 Less 2%

The Last Word!

A. C. ELECTRIC RADIO SET WITH POWER AMPLIFIER ELECTRIC SOCKET OPERATION

Together With Ortho Type Phonograph With Electric Reproduction and Amplion Power Speaker with Power Amplification

AND now! We have the latest in radio and the latest in the phonograph industries combined. Powerful electric phonograph reproduction. Reproduces the record electrically through a super-power amplifier. Only with tremendous power amplification is it possible to perfectly reproduce the full musical scale, the lowest bass notes of the pipe organ, the bass viol, bass and trap drums and the full symphony orchestra. **Nothing like it ever before heard with radio receivers or phonographs.** Every instrument clearly defined and reproduced naturally as if the musicians were playing before you.

Powerful A. C. Electric Radio

Single Illuminated Drum Control Using New R.C.A. UX 226-UX227 Tubes

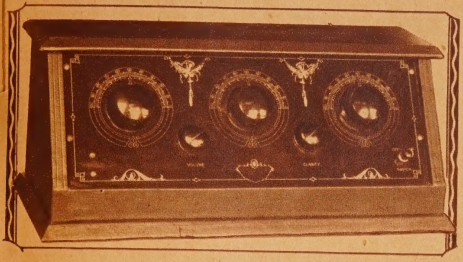
The finest radio receiver ever built. Three powerful stages of sensitive radio frequency amplification, followed by detector and four stages of perfect audio power amplification. Latest push-pull full-wave power amplifier using the new 171 power tubes. **The same power amplifier is used for both the radio and the phonograph, insuring perfection of tone quality.**

Complete Electric

Electric phonograph and electric radio. Plug it in the light socket. No batteries. No chargers. No crank. Electric motor. A.C. operated entirely. A flick of a switch changes from phonograph to radio at will. Listen to your favorite records. The artists of the world will play before you as if in person or switch to the radio receiver in an instant and with one single knob tune in far away stations for dance music or any program that meets your taste. **Volume controlled to any intensity at will with one small knob.**

Symphonic Five

The Quality Set at the Lowest Competitive Prices



Set Description

THE Symphonic Five is built in a cabinet of brown Spanish leatheroid finish. **Panel is gold engraved walnut to match.** Volume control finest smooth slow variation type. **Roller bearing. Condensers are modified straight-line frequency type,** of latest design. All is sub-panel mounted. Latest solenoid coils, permitting no losses and fine tuning. Two stages of low ratio A. F. with high-grade transformers offers true amplification. Etched panel, size 7x18. One could not want a better constructed receiver even in sets of $100.00 or more.

Lowest Price—Highest Quality

It is only through tremendous manufacturing volume and our great purchasing power that we can offer you this quality receiver.

We hesitated to price this as low as it is for fear of creating the wrong impression as to its quality.

No. B9049. The Symphonic 5 without accessories.

Retail Price $50.00

YOUR PRICE

$17.65

Thousands in Use

This is not a new set, although it has many new attractive features. Thousands of these sets are now in use. Unsolicited testimonials inform us of tremendous distances, clear, undistorted volume, easy tuning and fine tone quality produced by this receiver.

Complete with Accessories

No. B9050. The Symphonic 5, complete with 5 type X201A tubes, 2 45-v. "B" batteries, storage battery, "C" battery, aerial equipment and battery cable, including our special free edge cone speaker, or Victor Loud Speaker.

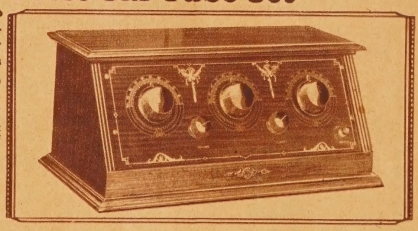
Your Price

$38.50

American Radynola 6

The Lowest Price Six-Tube Set

OUR special recommendation to meet competition. The performance of this set is not surpassed by any 6-tube set at any price. This is your opportunity for volume sales, big turnover and greater profits.



Beautiful Set Design

This sloping panel receiver is compact in size 7x18. The gold etched panel of beautiful **mahogany finish** matches the hand-rubbed, dark, clear mahogany cabinet. Straight-line condensers and solenoid type coils give selective tuning and quiet operation. Bakelite X-type sockets fit 201A, X-99 and power tubes.

Volume and Range

Ninety volts of "B" battery is used, but a loud-speaker of good quality will give all the volume necessary. **Has extra tap for 45 volts additional for power tube in the last socket for greater volume.** All knobs tune to same numbers. Easy logging. **Very selective. Receives stations far above** the range of most 6-tube receivers.

COMPARE OUR PRICES

No. B9029—List Price $55.00

YOUR PRICE $19.50

Complete with Accessories

No. B9030. The American Radynola 6, complete with 6 type X201A tubes, 2 45-v. "B" batteries, storage battery, "C" battery, aerial equipment, battery cable and either a Quality Cone Speaker or Victor Loud Speaker.

YOUR SPECIAL PRICE..... **$43.50**

Single Control Chassis

Six, Seven and Eight Tube

Manufactured Under Patents of Radio Corporation of America and Associates

WE OFFER YOU the protection of a chassis licensed under patents controlled by the Radio Corp. of America, General Electric Co., A. T. & T. Co., and Westinghouse Electric & Mfg. Co., and their associates.

This gives you the protection of selling a set without the liability of any patent litigation.

Shielded Construction

A full and complete brass shield completely covers the entire radio frequency circuit. Sharp tuning, solenoid coils wound and equally spaced according to the finest engineering construction of today. Variable condensers matched, and made of finest quality aluminum.

All trued up and controlled by the finest form of vernier dial drive on the market by means of the large transparent drum. Absolutely no backlash. No trimmers or compensators are necessary.

SIX TUBE

Stock No. B9051. Single dial control, licensed chassis, ready to insert into any opening of cabinet or console size 7x18 or 8x18, or any 18-in. length in which the cabinet is at least 10 in. deep. Complete with all knobs, panels, escutcheon plates and all else described on this page. **List price $50.00 YOUR NET WHOLESALE PRICE** **$24.75**

SEVEN TUBE

Stock No. B9051A. 7-tube chassis, same construction with additional amplification. **List Price $70.00 YOUR PRICE** **$28.85**

EIGHT TUBE

Stock No. B9093. 8-tube chassis, same construction with push-pull full wave amplification. **List Price $100. YOUR PRICE** **$38.50**

Real Audio Amplification

Consisting of two stages of resistance coupled amplification and one stage of power transformer amplification renders the finest tone quality and tremendous volume. The volume is controlled by a small knob on the panel, the audio unit is away from the radio unit and is shielded. Power amplification is obtained by using a type 112 tube in the last stage.

Illuminated Drum Control

Only one drum with two window openings—one for numbers and one to write wave lengths and station markings. One knob to tune. Others are merely volume and clarity controls.

Panel Beauty

A deep green black metal panel with no engraving, but separate beautiful heavy embossed bronze plates on the face of it, with two windows opening on one drum. The bronze is a beautiful deep shaded color.

Throughout this catalog you will find single dial chassis—the panels and the chassis of which are pictured on this page. Each and every single control set in this book is described herewith and pictured on each page in detail.

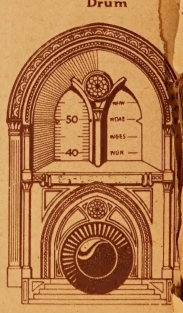
Six Tube A. C. Chassis

This 6-tube chassis is designed for use with 4-UX226, 1-UX227 and 1-UX112 Tube, and will operate direct from the A.C. current using either Majestic Ace Model Units, or our special power unit for A.C. sets.

No. B9093A. Price of A.C. Electric Chassis only **$36.50**

No. B9093B. Price of A.C. Electric Chassis with Power Unit, ready to operate **$53.45**

Single Illuminated Drum



Dearborn Desk Seven!

ALL ELECTRIC or Battery Set!

With Ortho Type 68-inch Throat Speaker

The Bargain of the Age!

THIS seven-tube console set may be purchased by our dealers for **Genuine all Electric A. C. Tube Operation,** with storage battery equipment or for operation with "A" and "B" eliminator.

Desk Console Ortho Type

Has a sloping desk panel when closed, **a beautiful burl walnut front completely matched,** highly finished and one of the **finest pieces of furniture one could find today.** The front has two openings with gold grill in front of the **longest and largest tone chamber speakers with a large Baldwin Rival or Amplion unit.**

Shielded Construction

Fully shielded, both the radio and audio end. Three stages of tuned radio frequency, one tuned detector and three stages of power amplification.

Single Illuminated Control

A real single tuning control with small knob operating **one single drum** rotating toward you with numeral spacings on the left and logging space on the right. Beautiful metal bronze embossed escutcheon plates.

Every one of these seven tubes is necessary for the operation of this receiver, including power tubes. This is a tremendous bargain at the price.

No. B9035. Dearborn Desk Type 7-tube set.
Retail List $175.00.
YOUR NET WHOLESALE PRICE..... **$64.75**

For Battery Operation

No. B9036. Dearborn 7, including 6 201A tubes, 1 112 power tube, storage "A" battery, 3 45-v. "B" batteries, "C" battery, 1 aerial kit, ready for your customer to operate..... **$83.25**

For All-Electric Eliminator Power

No. B9037. Dearborn 7-tube, including 1 Super-Power "A" and "B" eliminator (Raytheon type) for 105 to 120 volts A. C. current, 50-60 cycle, aerial kit, 6 201A tubes, 1 112 power tube and "C" battery, ready for your customer to operate..... **$109.00**

All-Electric Operation with Latest A.C. Tubes

No. B9037A. The Dearborn Desk 7, latest A.C. set requiring no eliminators and operating direct from light socket source of 90 to 120 volts, 50-60 cycle A.C. current including 4—**UX226 and 1 UY227 Genuine R.C.A. Tubes** and 2 UX112 Power Tubes complete with A.C. Power Pack and aerial kit—ready to plug in and tune in—**no eliminators—no chargers—no batteries.**

Your Special Price **$109.00**

The Vernon Ortho 8

All Electric or Battery Operation With Power Amplion Speaker

SPACE limits what we could say of this beautiful console. It is of solid walnut, beautifully shaded, sturdily constructed with a beautiful grill and compartment below for "A" or "B" battery eliminators or batteries. Size is 45 in. high, 28 in. wide, and 17¼ in. deep. The console doors close as pictured below over a beautiful grill and our single illuminated dial control 8-tube receiver. Genuine solid walnut, beautiful moulding and overlays decorated. It is a full large size console set.

Description of Set

Eight tubes (of which two are power tubes), three condensers **operated on one shaft,** tuning four engineered type space-wound coils. The audio power unit consists of two stages of resistance coupled amplification and two large power transformers used with the power tubes for tremendous volume and beautiful tone. **Completely shielded.**

This is a music critic's set. The front of the panel has an exquisite dark bronze gothic escutcheon plate, highly embossed in a window shape with two windows opening on a revolving drum which revolves towards one, on the left of which are numerical spacings and on the right is blank space for logging.

Simple to tune, still exceedingly selective, delivering tremendous volume and power with the right tone quality on distant stations.

No. B9026. The Famous Vernon Ortho 8. Set only—completely built into this beautiful console, including Power Amplion Speaker. **Retail List Price $175.00.**

YOUR SPECIAL PRICE.... **$78.50**

For Battery Operation

No. B9027. For Operation with Batteries, we offer the **Vernon Ortho 8,** as above, complete with everything necessary for its operation, including 6 201A tubes, 2 112 power tubes, 1 6-v. 100 A. H. storage battery, 3 45-v. "B" batteries, 1 7½-v. "C" battery, 1 aerial kit, and instructions, **nothing else for your customer to buy.**

$99.75

All Electric A. C. Operation

No. B9028. The Vernon Ortho 8, including Super Power combination "A" and "B" eliminator (Raytheon type), to operate on 105 to 120 volt A.C. current only, 50-60 cycle, 6 201A tubes, 2 112 power tubes, 1 aerial kit, 1 7½-v. "C" battery, the built-in loud speaker with complete instructions, **ready to plug into socket, nothing else for your customer to buy.**

$123.50

The "Buy" of Post-Season Sales